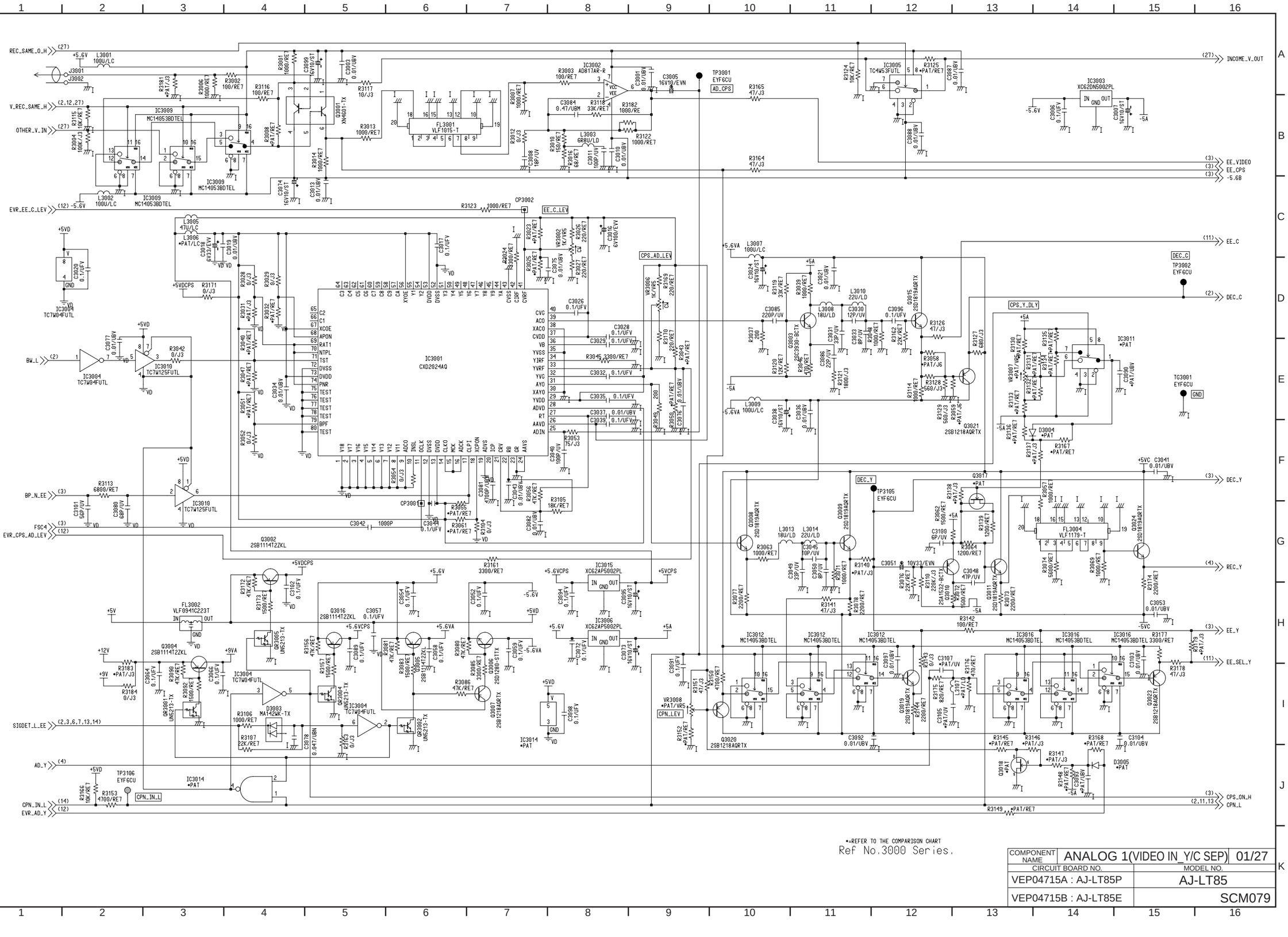
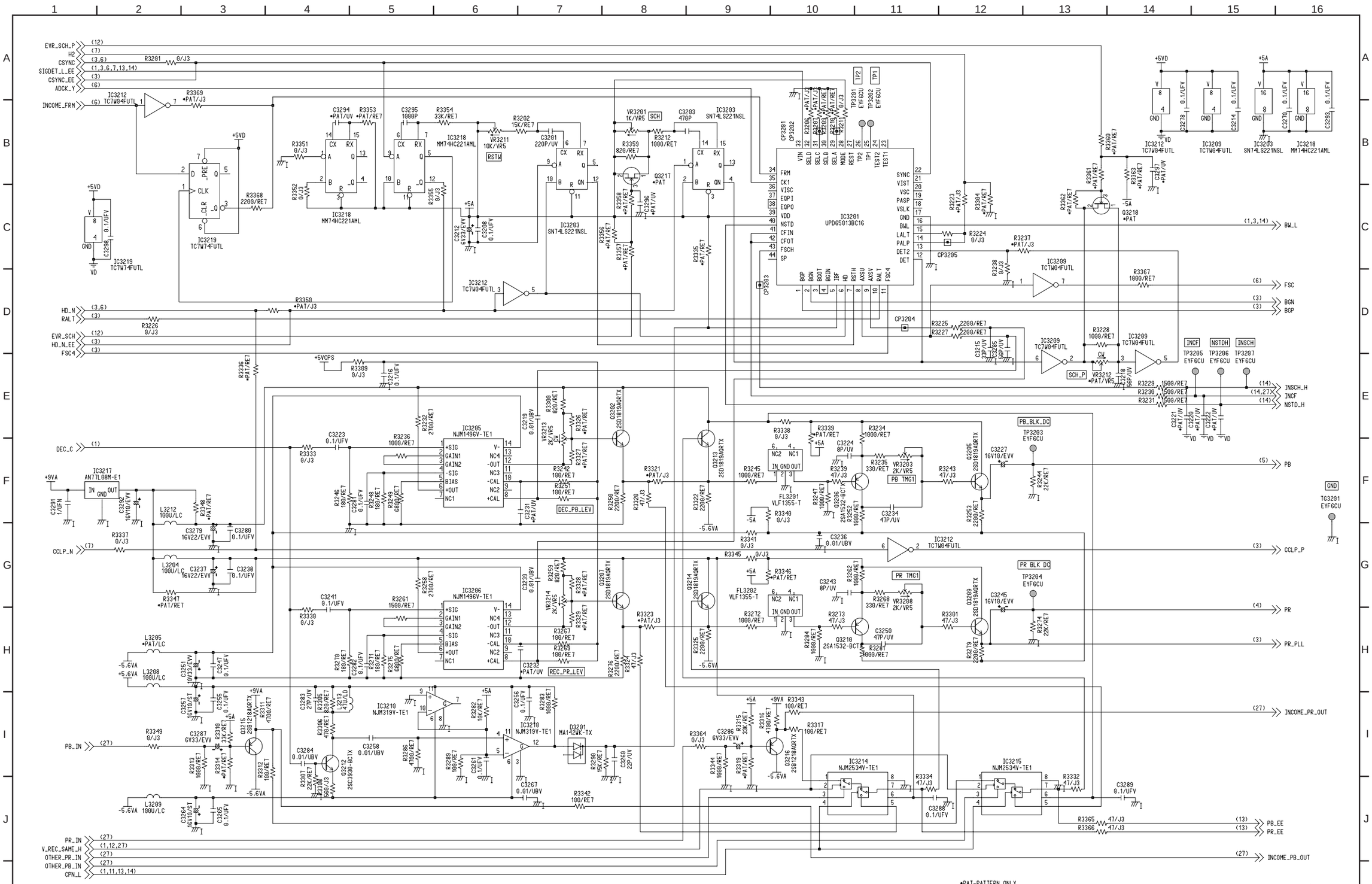
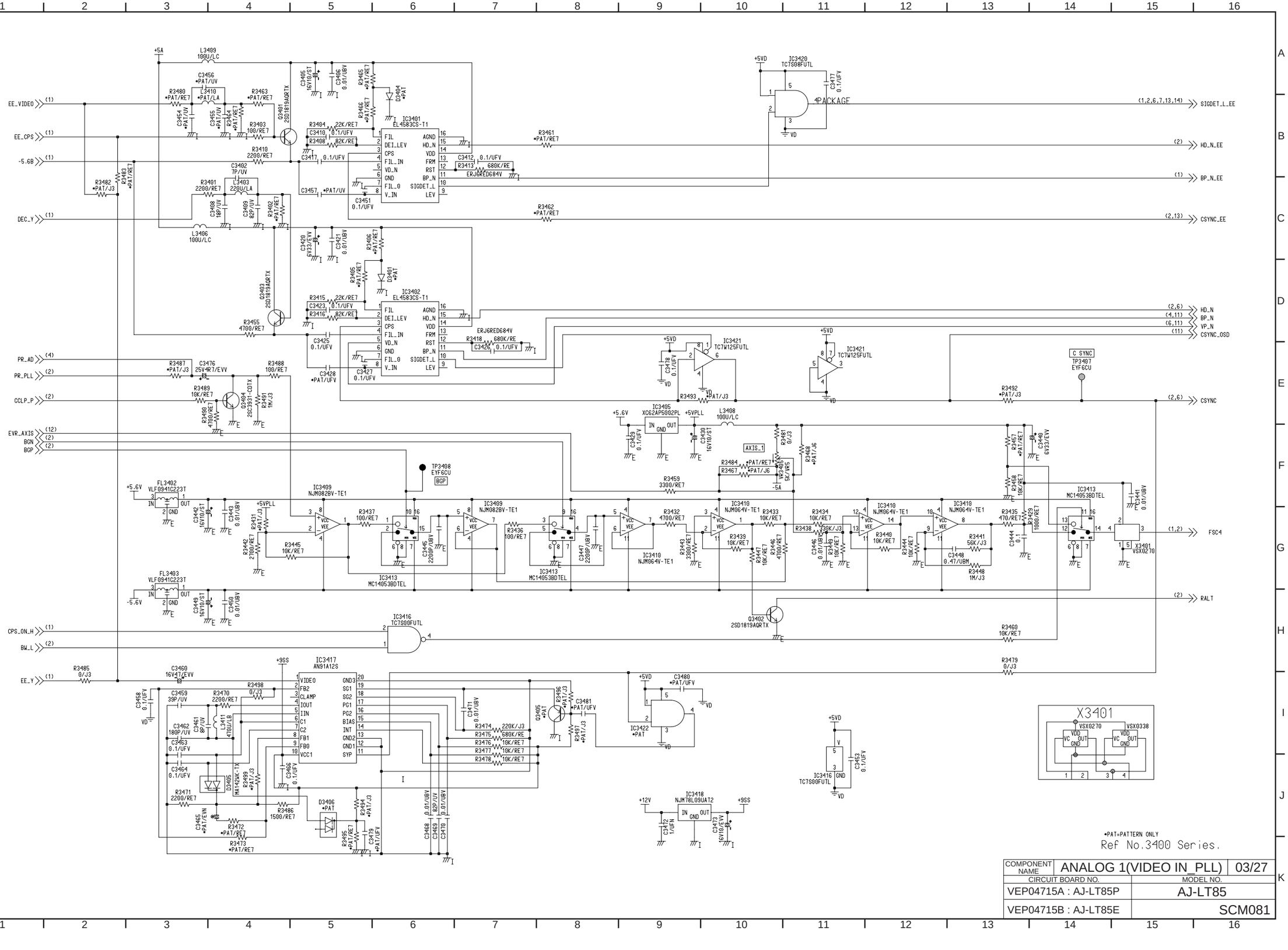
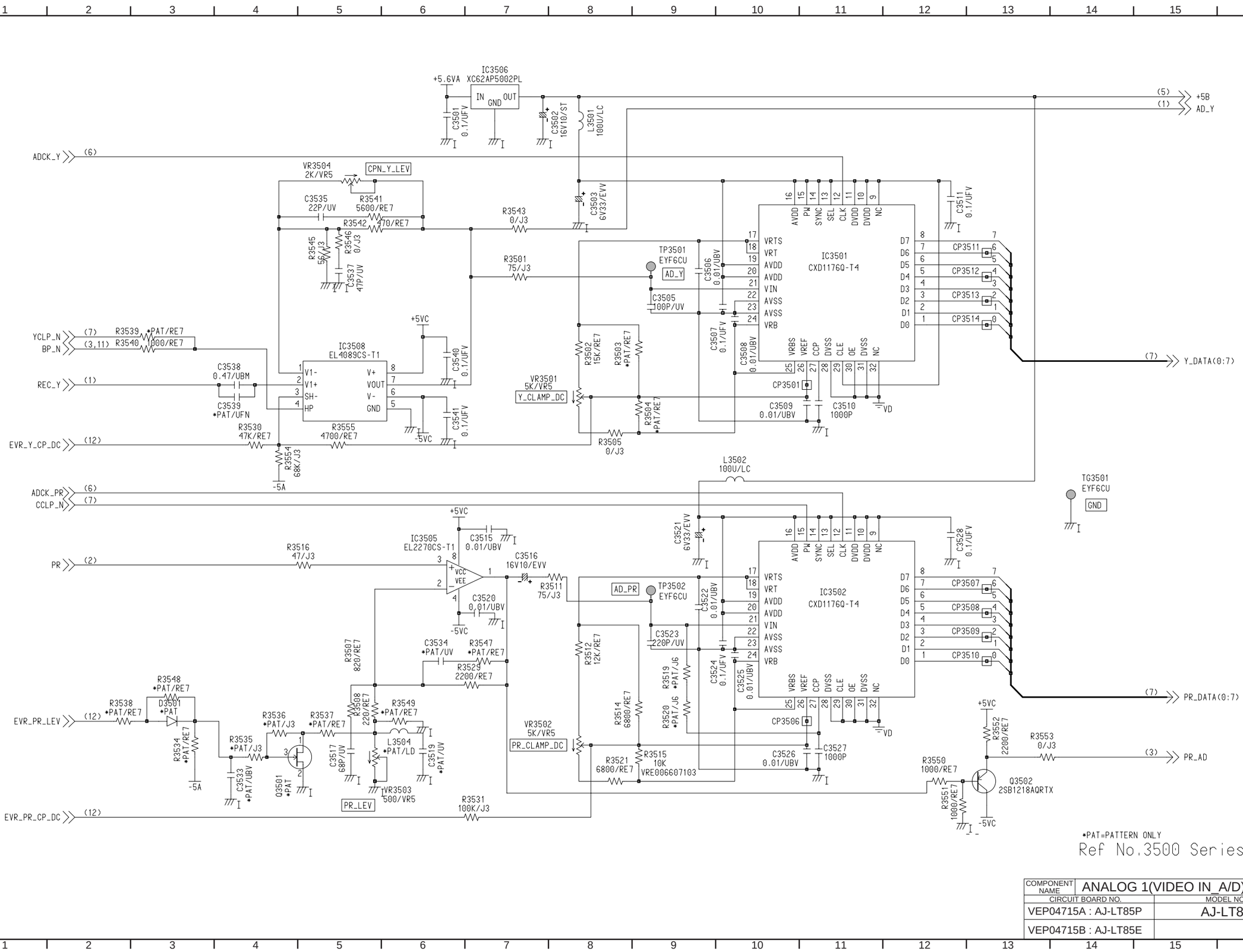

REC_SAME_O_H
V_REC_SAME_H
OTHER_V_IN
EVR_EE_C_LEV
INCOME_V_OUT
EE_VIDEO
EE_CPS
-5.6B
EE_C_LEV
CP3002
CPS_AD_LEV
DEC_C
EE_C
DEC_Y
REC_Y
EE_Y
EE_SEL_Y
CPS_ON_H
CPN_L
BW_L
BP_N_EE
FSC4
EVR_CPS_AD_LEV
SIGDET_L_EE
AD_Y
CPN_IN_L
EVR_AD_Y
CPN_IN_L
CPS_Y_DLY
CPN_LEV
DEC_Y
IC3001 CXD2024AQ
IC3002 AD817AR-R
IC3003 XC62DN5002PL
IC3004 TC7W04FUTL
IC3005 TC4W53FUTL
IC3009 MC14053BDTEL
IC3010 TC7W125FUTL
IC3011 *PAT
IC3012 MC14053BDTEL
IC3014 *PAT
IC3015 XC62AP5002PL
IC3016 MC14053BDTEL
FL3001 VLF1015-T
FL3002 VLF8941C223T
FL3004 VLF1179-T
TP3001 EYF6CU AD_CPS
TP3002 EYF6CU
TP3005 EYF6CU DEC_Y
TP3006 EYF6CU CPN_IN_L
TG3001 EYF6CU GND
Q3001 XN4601-TX
Q3002 2SB1114T2ZKL
Q3003 2SC3930-BCTX
Q3004 2SB1114T2ZKL
Q3016 2SB1114T2ZKL
Q3017 *PAT
Q3018 *PAT
Q3019 2SB1219AQRTX
Q3020 2SB1218AQRTX
Q3021 2SB1218AQRTX
D3001 MA142WK-TX
D3002 UN5213-TX
D3003 MA142WK-TX
D3004 *PAT
D3005 *PAT
D3006 2SB1219AQRTX
D3007 2SB1219AQRTX
D3008 2SB1219AQRTX
D3009 2SB1219AQRTX
D3010 2SB1219AQRTX
D3011 2SB1219AQRTX
D3012 2SB1218AQRTX
D3013 2SB1218AQRTX
D3014 2SB1218AQRTX
D3015 2SB1219AQRTX
D3016 2SA1532-BCTX
D3017 2SB1218AQRTX
D3018 *PAT
D3019 2SB1219AQRTX
D3020 2SB1218AQRTX
D3021 2SB1218AQRTX
D3022 2SB1219AQRTX
D3023 2SB1218AQRTX
*=REFER TO THE COMPARISON CHART
Ref No.3000 Series.
COMPONENT NAME: ANALOG 1(VIDEO IN_Y/C SEP) 01/27
CIRCUIT BOARD NO.: VEP04715A : AJ-LT85P / VEP04715B : AJ-LT85E
MODEL NO.: AJ-LT85 / SCM079
KR4H13(1/27)


EVR_SCH_P
H2
CSYNC
SIGDET_L_EE
CSYNC_EE
ADCK_Y
INCOME_FRM
IC3212 TC7W04FUTL
R3369 •PAT/J3
R3201 0/J3
+5VD
IC3219 TC7W74FUTL
R3368 220Ω/RE7
C3294 •PAT/UV
R3353 •PAT/RE7
C3295 1000P
R3354 33K/RE7
IC3218 MM74HC221AML
VR3211 10K/VR5
RSTM
C3201 220P/UV
IC3203 SN74LS221NSL
C3212 6V33/EVV
C3208 0.1/UFV
+5A
VR3201 1K/VR5 SCH
R3212 1000/RE7
C3203 470P
R3359 820/RE7
Q3217 •PAT
C3296 •PAT/UV
R3358 •PAT/RE7
R3357 •PAT/RE7
R3356 •PAT/RE7
R3335 •PAT/RE7
IC3201 UPD65013BC16
CP3201 CP3202
TP2 TP1
TP2201 EYF6CU
TP2202 EYF6CU
CP3203
CP3204
CP3205
R3224 0/J3
R3223 •PAT/J3
R3204 •PAT/RE7
R3237 •PAT/J3
R3238 0/J3
IC3209 TC7W04FUTL
R3367 1000/RE7
R3360 •PAT/RE7
R3361 •PAT/RE7
R3363 •PAT/RE7
C3247 •PAT/UV
Q3218 •PAT
R3362 •PAT/RE7
R3225 2200/RE7
R3227 2200/RE7
C3215 220P/UV
C3285 220P/UV
R3228 1000/RE7
VR3212 •PAT/VR5
C3218 56P/UV
SCH_P
INCF
NSTDH
INSCH
TP3205 EYF6CU
TP3206 EYF6CU
TP3207 EYF6CU
R3229 500/RE7
R3230 500/RE7
R3231 500/RE7
C3221 •PAT/UV
C3220 •PAT/UV
C3222 •PAT/UV
(1,3,14) BW_L
(6) FSC
(3) BGN
(3) BGP
(14) INSCH_H
(14,27) INCF
(14) NSTD_H
HD_N
RALT
EVR_SCH
HD_N_EE
FSC4
R3350 •PAT/J3
R3226 0/J3
R3336 •PAT/RE7
+5VCPS
R3309 0/J3
C3210 0.1/UFV
DEC_C
R3333 0/J3
C3223 0.1/UFV
R3236 1000/RE7
R3232 2700/RE7
IC3205 NJM1496V-TE1
C3219 0.01/UBV
R3300 820/RE7
VR3213 2K/VR5
R3326 •PAT/RE7
R3327 •PAT/RE7
R3242 100/RE7
R3241 100/RE7
C3231 •PAT/UV
DEC_PB_LEV
Q3282 2SD1819AQRTX
R3321 •PAT/J3
R3322 2200/RE7
-5.6VA
R3259 2200/RE7
R3320 47/J3
R3246 180/RE7
R3248 180/RE7
R3245 1000/RE7
R3247 1000/RE7
R3249 6800/RE7
C3224 •PAT/UV
C3213 2SD1819AQRTX
R3338 0/J3
R3339 •PAT/RE7
+5A
R3234 1000/RE7
NC2 NC1
IN GND OUT
FL3201 VLF1355-T
R3340 0/J3
-5A
R3235 330/RE7
VR3203 2K/VR5
PB TMG1
Q3206 2SA1532-BCTX
C3234 47P/UV
C3224 8P/UV
R3243 47/J3
C3205 2SD1819AQRTX
C3227 16V10/EVV
R3244 22K/RE7
PB_BLK_DC
TP3203 EYF6CU
(5) PB
GND
TG3201 EYF6CU
+9VA
IC3217 AN7L08M-E1
IN GND OUT
C3291 1/UFN
C3292 16V10/EVV
L3212 100U/LC
R3348 •PAT/RE7
C3279 16V22/EVV
C3280 0.1/UFV
CCLP_N
R3337 0/J3
L3204 100U/LC
C3237 16V22/EVV
C3238 0.1/UFV
R3347 •PAT/RE7
R3341 0/J3
C3236 0.01/UBV
IC3212 TC7W04FUTL
(3) CCLP_P
R3345 0/J3
+5A
R3346 •PAT/RE7
Q3214 2SD1819AQRTX
FL3202 VLF1355-T
R3325 2200/RE7
-5.6VA
R3262 1000/RE7
PR TMG1
R3268 330/RE7
VR3208 2K/VR5
C3243 8P/UV
R3272 1000/RE7
R3273 47/J3
C3250 47P/UV
Q3210 2SA1532-BCTX
R3384 1000/RE7
R3383 1000/RE7
R3301 47/J3
Q3208 2SD1819AQRTX
C3245 16V10/EVV
R3274 22K/RE7
PR BLK DC
TP3204 EYF6CU
(4) PR
(3) PR_PLL
C3241 0.1/UFV
R3330 0/J3
R3261 1500/RE7
IC3206 NJM1496V-TE1
C3229 0.01/UBV
R3258 820/RE7
R3328 •PAT/RE7
VR3214 2K/VR5
R3329 •PAT/RE7
R3267 100/RE7
R3269 100/RE7
C3232 •PAT/UV
REC_PR_LEV
Q3207 2SD1819AQRTX
R3323 •PAT/J3
R3276 2200/RE7
R3324 47/J3
R3270 180/RE7
R3271 180/RE7
R3275 6800/RE7
L3205 •PAT/LC
L3208 100U/LC
C3251 16V33/EVV
C3247 0.1/UFV
C3257 16V10/AST
C3255 0.1/UFV
+9VA
Q3215 2SB1218AQRTX
R3311 4700/RE7
C3283 27P/UV
R3385 820/RE7
R3386 470/RE7
C3284 0.01/UBV
R3387 22K/RE7
R3388 560/J3
Q3212 2SC3938-BCTX
IC3210 NJM319V-TE1
R3282 10K/RE7
C3256 0.1/UFV
R3283 1000/RE7
C3258 0.01/UBV
R3286 4700/RE7
R3289 100/RE7
C3261 0.1/UFV
C3267 0.01/UBV
D3201 MA142WK-TX
R3290 15K/RE7
C3269 22P/UV
R3342 100/RE7
R3349 0/J3
C3287 6V33/EVV
R3310 33K/RE7
R3313 1000/RE7
R3314 •PAT/RE7
R3312 100/RE7
-5.6VA
L3209 100U/LC
C3264 16V10/AST
C3265 0.1/UFV
PB_IN
R3364 0/J3
C3286 6V33/EVV
R3315 33K/RE7
R3316 4700/RE7
R3343 100/RE7
R3317 100/RE7
Q3216 2SB1218AQRTX
R3344 1000/RE7
R3319 •PAT/RE7
-5.6VA
IC3214 NJM2534V-TE1
IC3215 NJM2534V-TE1
R3334 47/J3
R3332 47/J3
C3289 0.1/UFV
C3288 0.1/UFV
R3365 47/J3
R3366 47/J3
(13) PB_EE
(13) PR_EE
(27) INCOME_PR_OUT
(27) INCOME_PB_OUT
PR_IN
V_REC_SAME_H
OTHER_PR_IN
OTHER_PB_IN
CPN_L
•PAT=PATTERN ONLY
•=REFER TO THE COMPARISON CHART
Ref No.3200 Series.
COMPONENT NAME
ANALOG 1(VIDEO IN_C DEC) 02/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04715A : AJ-LT85P
AJ-LT85
VEP04715B : AJ-LT85E
SCM080
KR4H13(2/27)

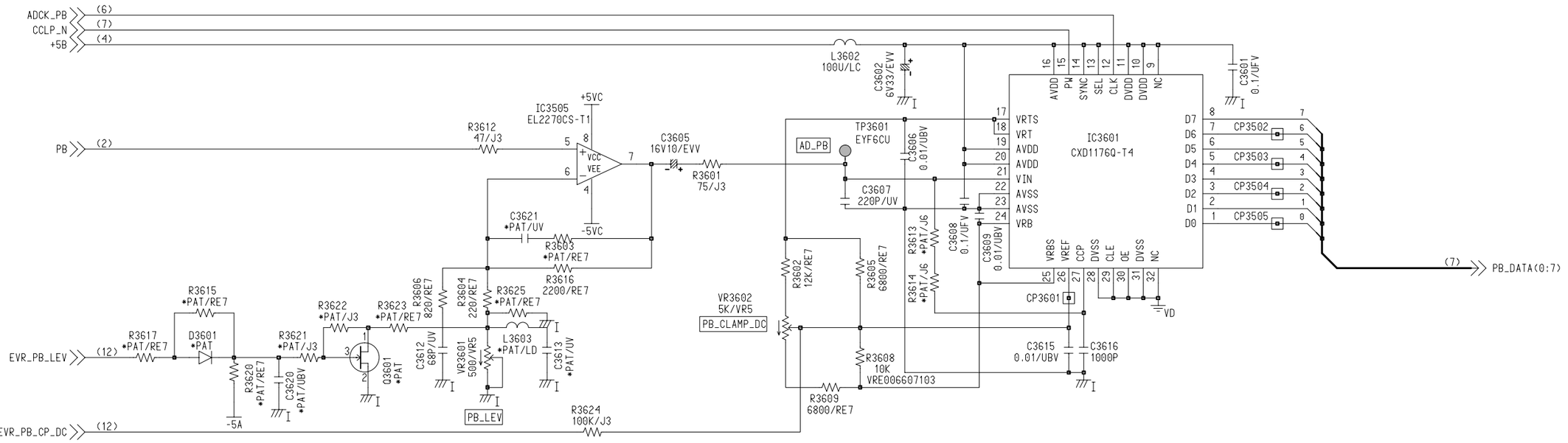


COMPONENT NAME	ANALOG 1(VIDEO IN_PLL)	03/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM081	

KR4H13(3/27)



COMPONENT NAME	ANALOG 1(VIDEO IN_A/D)	04/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM082	

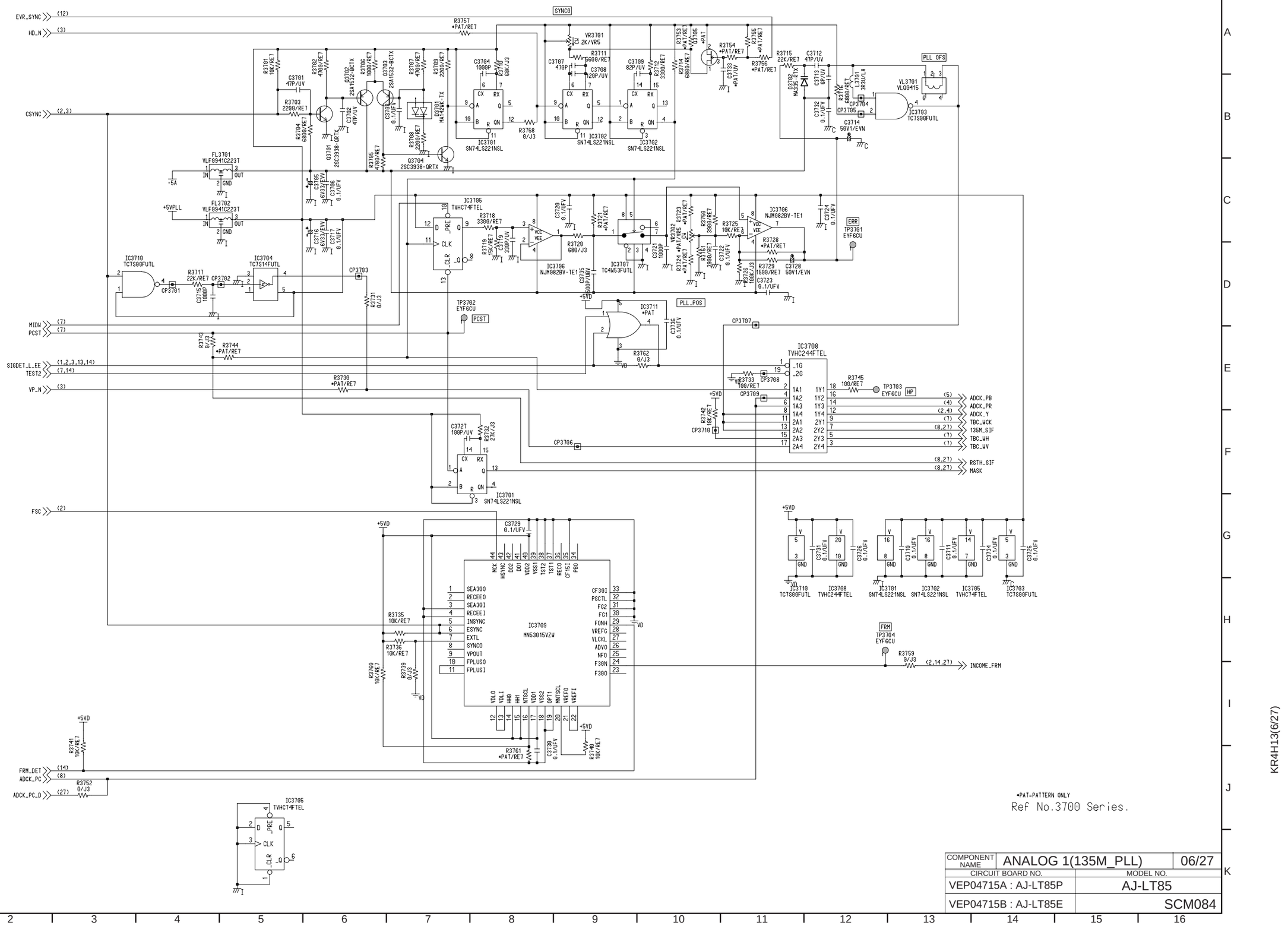


*PAT=PATTERN ONLY

Ref No.3600 Series.

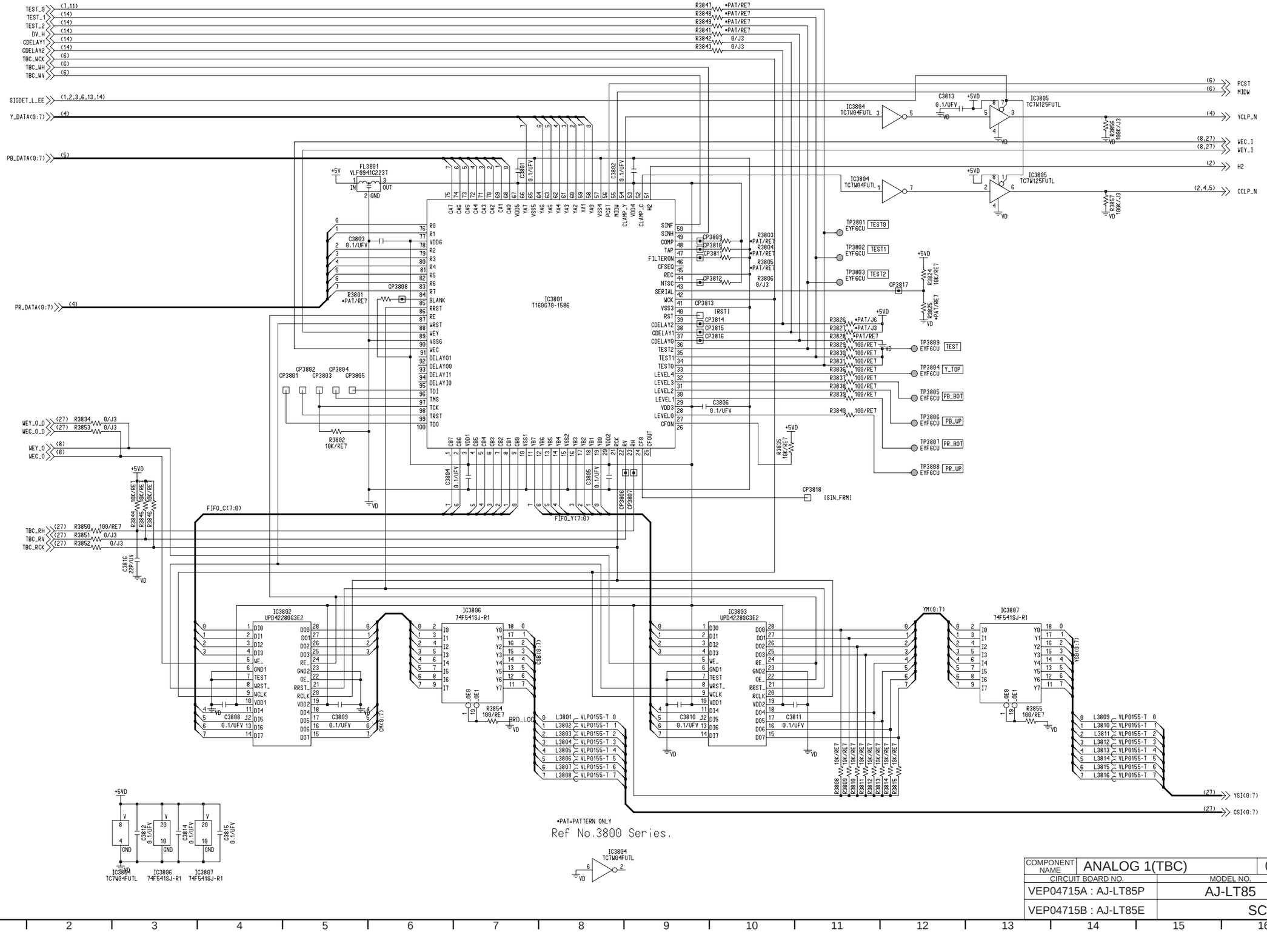
KR4H13(5/27)

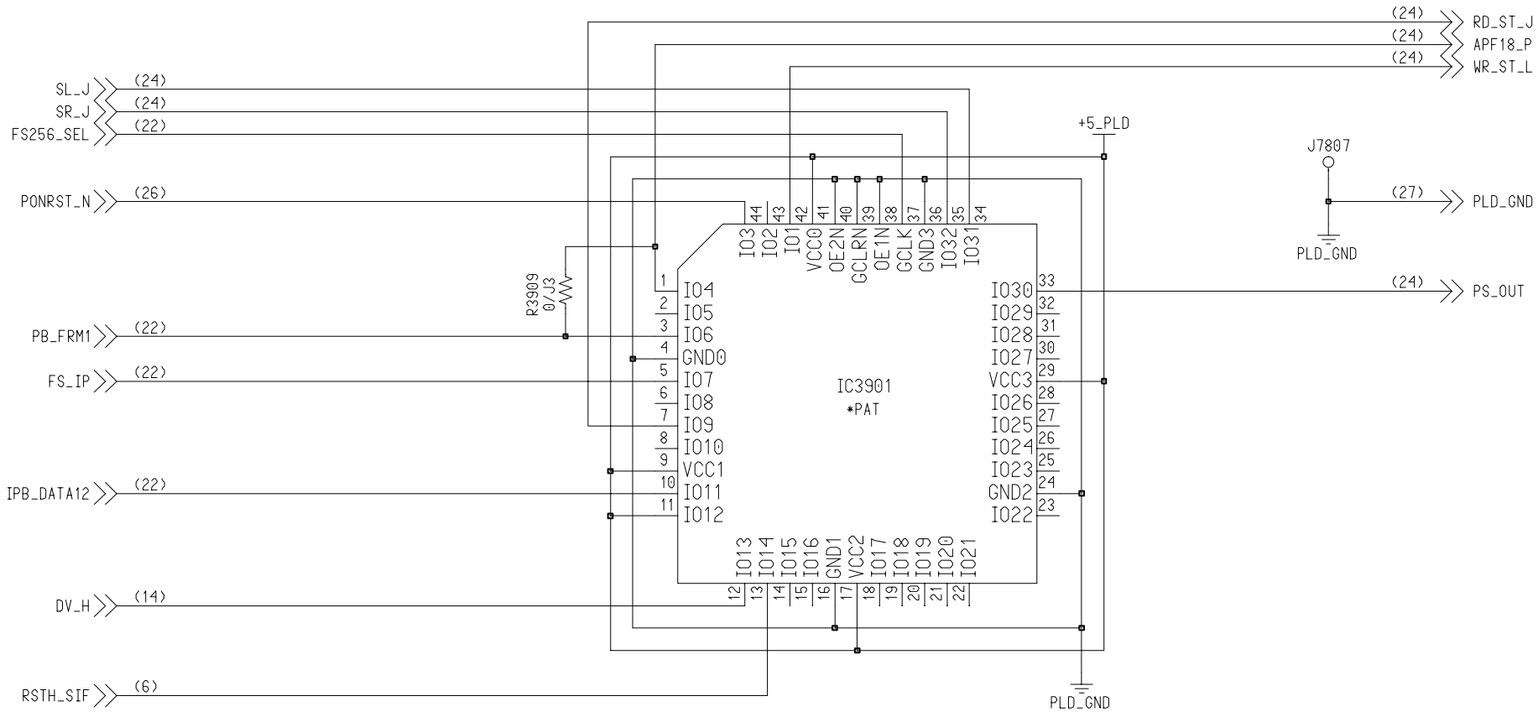
COMPONENT NAME	ANALOG 1(VIDEO IN_A/D)	05/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM083	

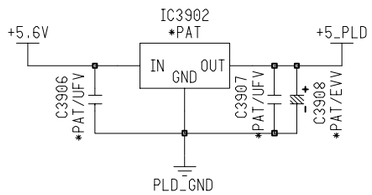


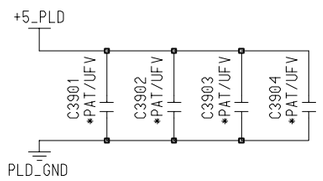
COMPONENT NAME	ANALOG 1(135M_PLL)	06/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM084	

KR4H13(6/27)


IC3801
T16G670-1586
IC3802
UPD42280G3E2
IC3803
UPD42280G3E2
IC3804
TC7W04FUTL
IC3805
TC7W125FUTL
IC3806
74F541SJ-R1
IC3807
74F541SJ-R1
FL3801
VLF8941C223T
*PAT=PATTERN ONLY
Ref No.3800 Series.
COMPONENT NAME
ANALOG 1(TBC)
07/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04715A : AJ-LT85P
AJ-LT85
VEP04715B : AJ-LT85E
SCM085
KR4H13(7/27)





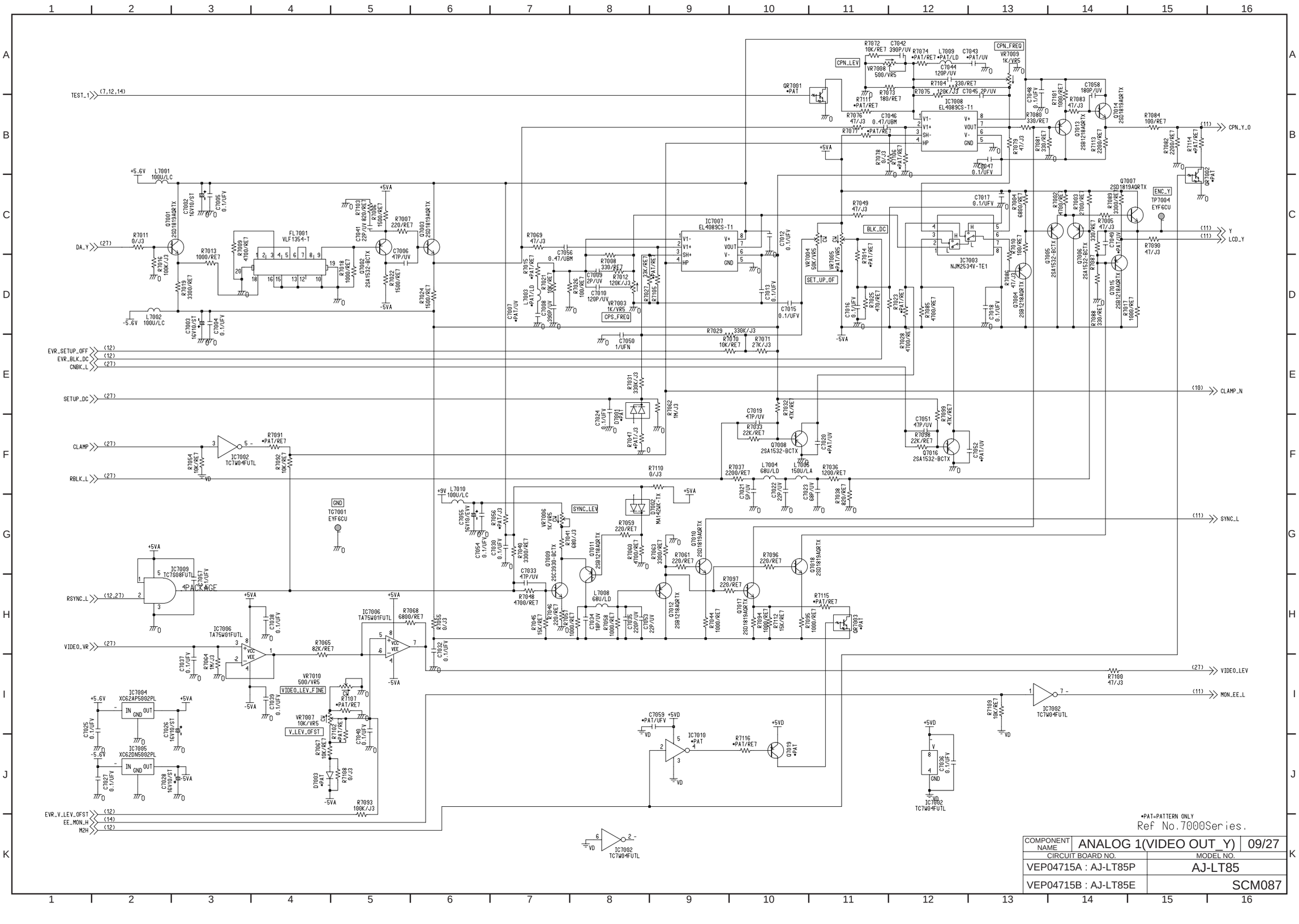


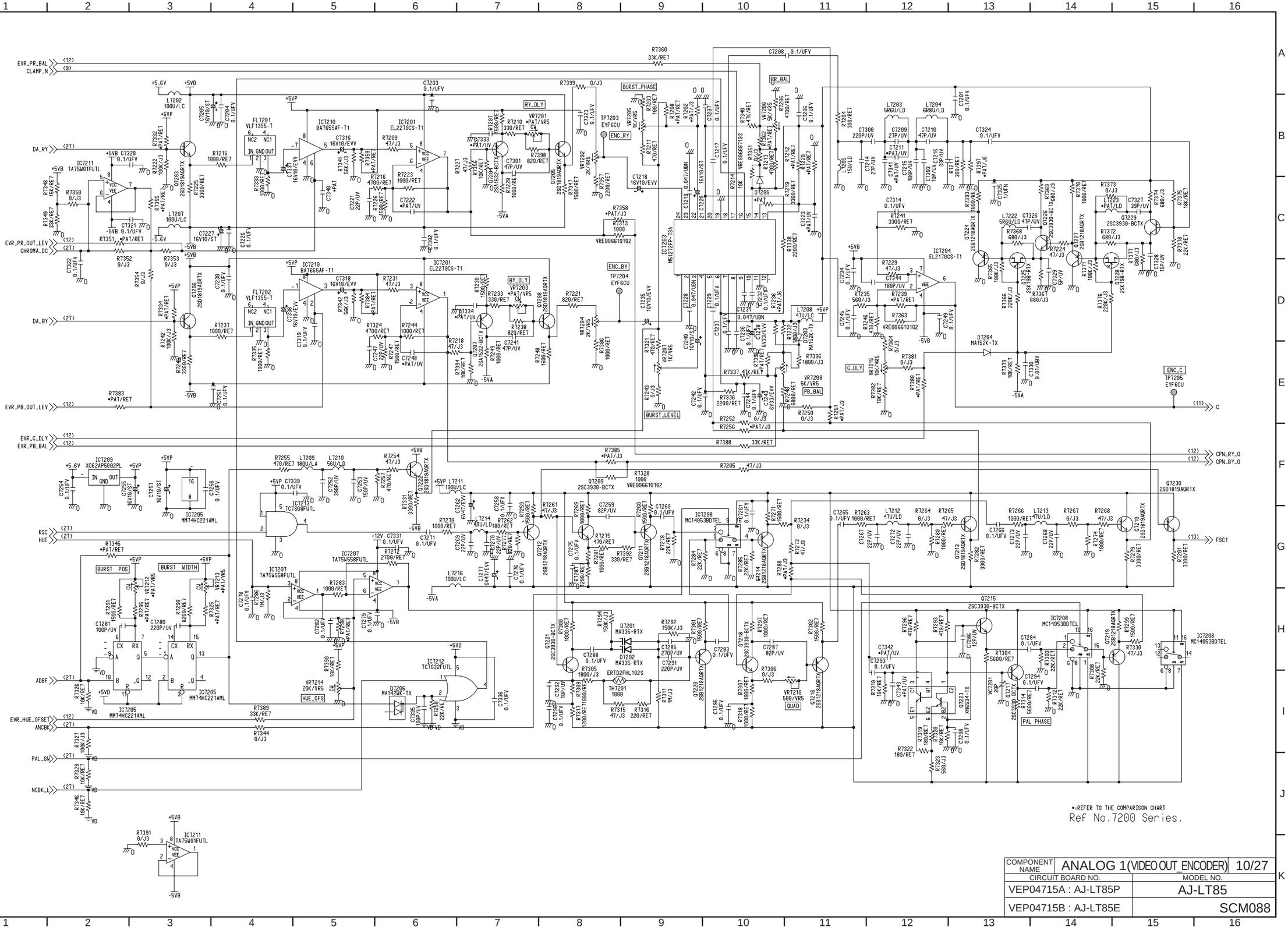
*=REFER TO THE COMPARISON CHART

Ref No.3900 Series.

COMPONENT NAME	ANALOG 1(PLD)	08/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM086	

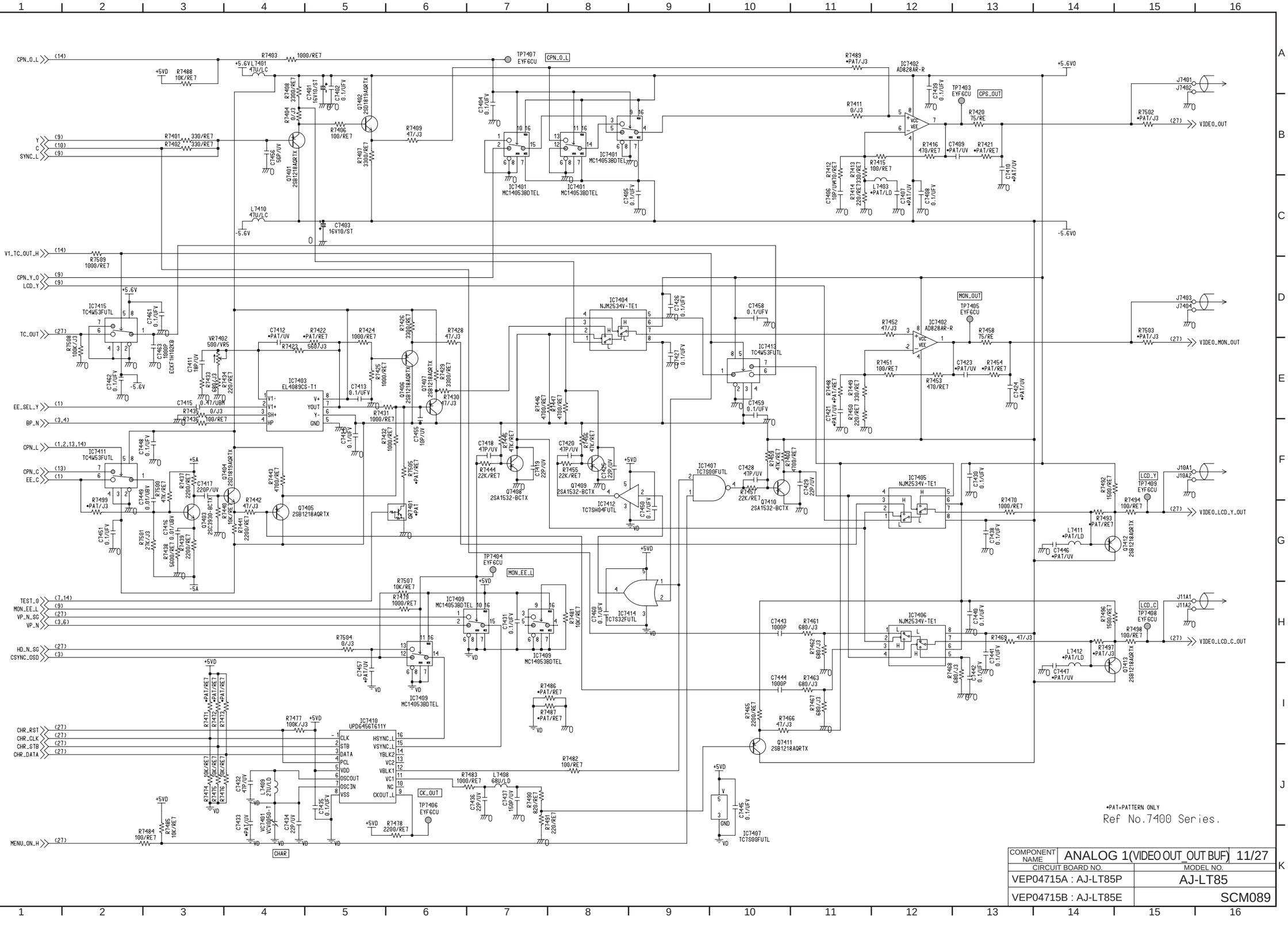
KR4H13(8/27)


TEST_1
DA_Y
EVR_SETUP_OFF
EVR_BLK_DC
CNBK_L
SETUP_DC
CLAMP
RBLK_L
RSYNC_L
VIDEO_VR
EVR_V_LEV_OFST
EE_MON_H
M2H
CPN_LEV
CPN_FREQ
CPS_FREQ
SET_UP_OF
BLK_DC
SYNC_LEV
VIDEO_LEV_FINE
V_LEV_OFST
ENC_Y
CPN_Y_O
Y
LCD_Y
CLAMP_N
SYNC_L
VIDEO_LEV
MON_EE_L
IC7008 EL4089CS-T1
IC7007 EL4089CS-T1
IC7003 NJM2534V-TE1
IC7009 TC7S08FUTL
IC7006 TA75W01FUTL
IC7004 XC62AP5002PL
IC7005 XC62DN5002PL
IC7002 TC7W04FUTL
FL7001 VLF1354-T
*PAT=PATTERN ONLY
Ref No.7000Series.
KR4H13(9/27)
COMPONENT NAME
ANALOG 1(VIDEO OUT_Y)
09/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04715A : AJ-LT85P
AJ-LT85
VEP04715B : AJ-LT85E
SCM087



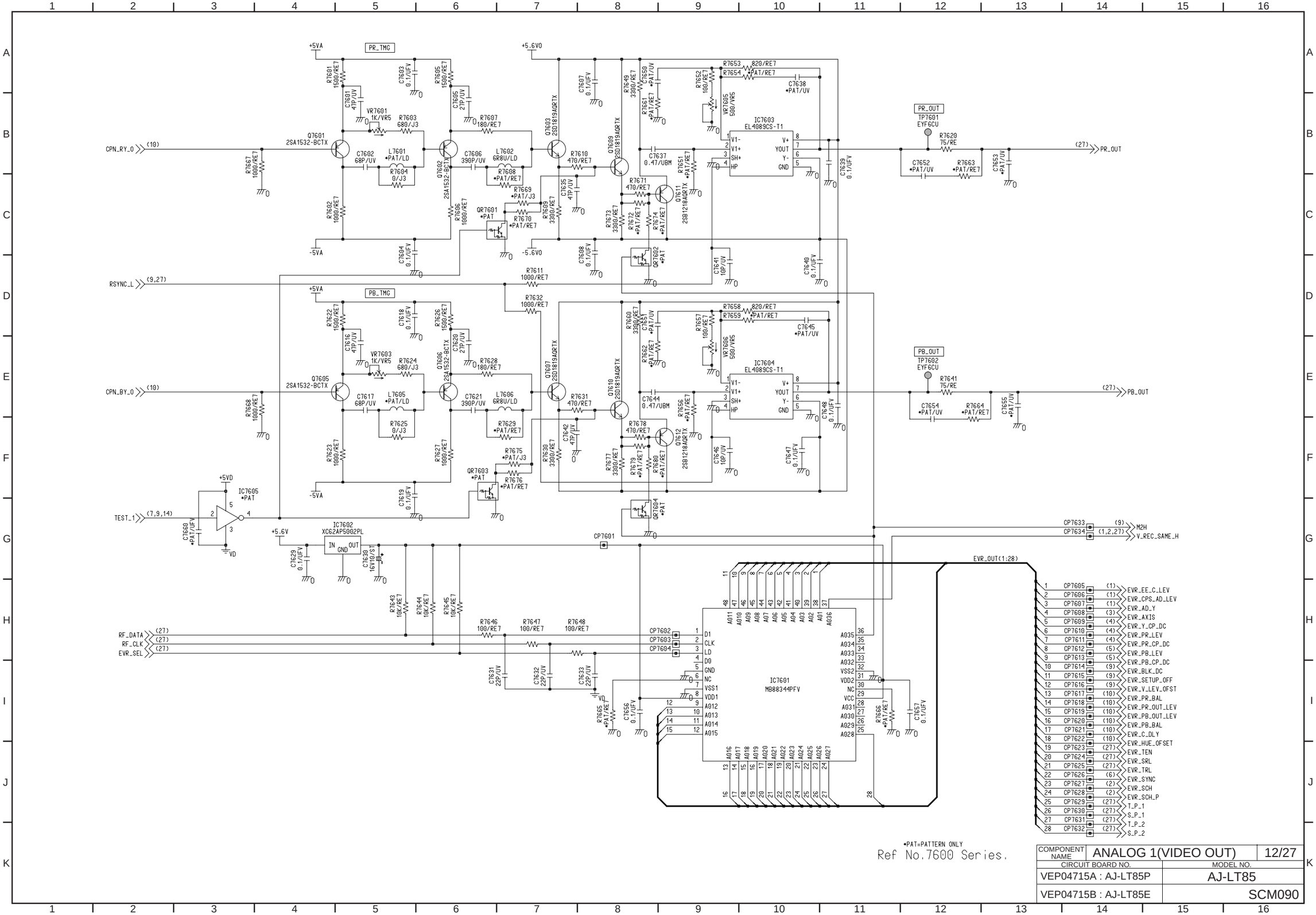
COMPONENT NAME	ANALOG 1(VIDEO OUT_ENCODER)	10/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM088	

KR4H13(10/27)

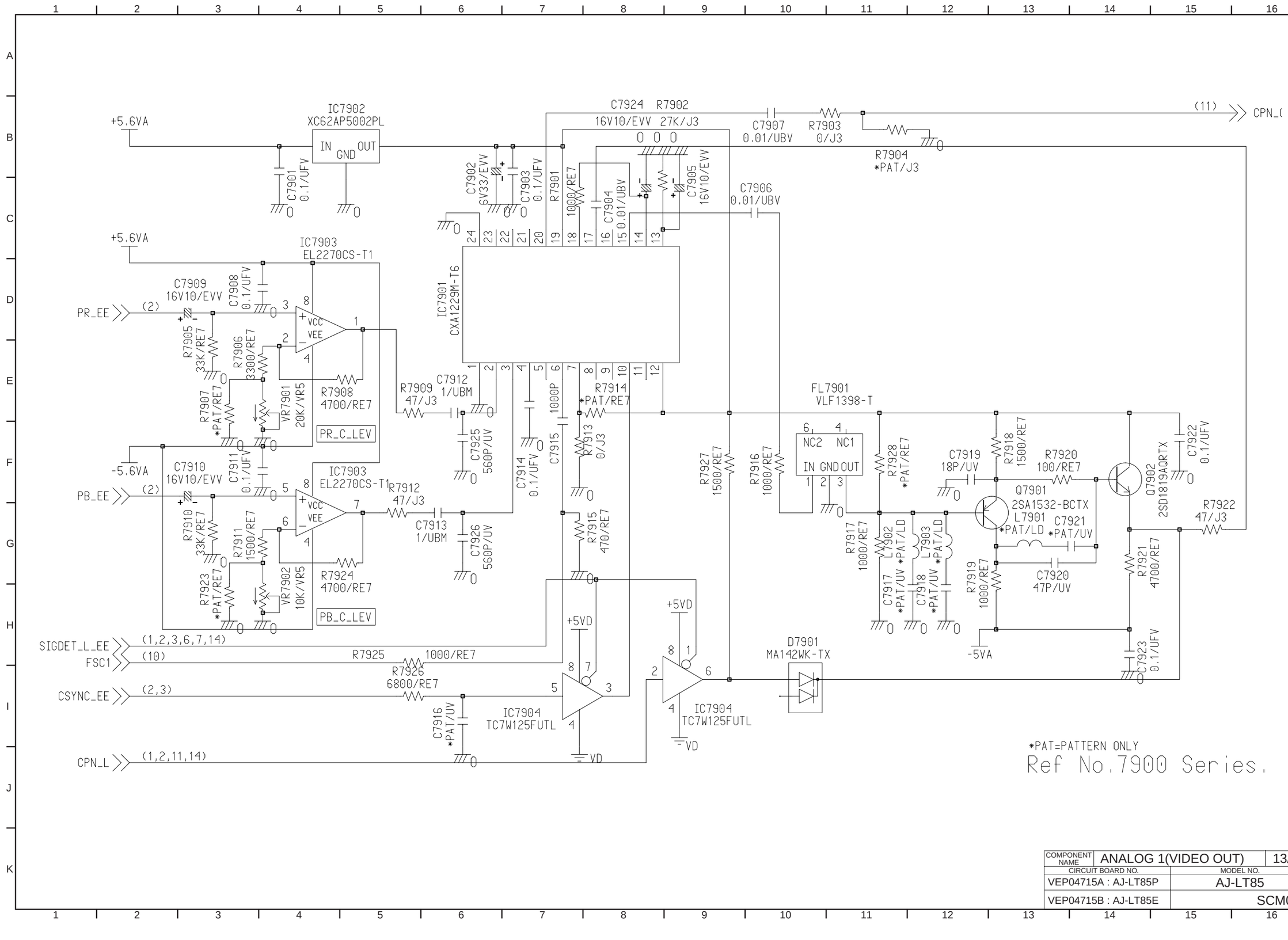


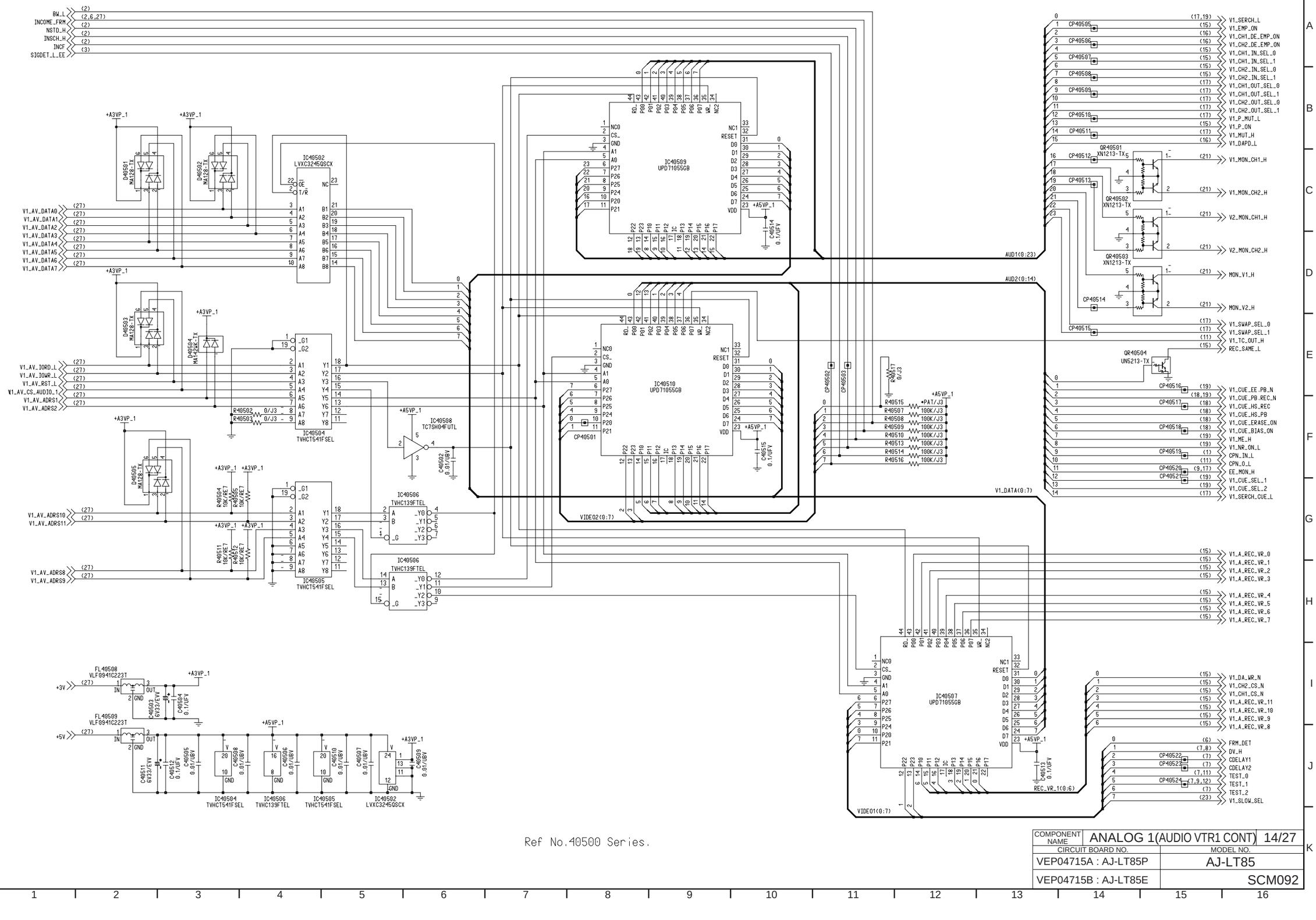
KR4H13(11/27)

COMPONENT NAME	ANALOG 1(VIDEO OUT_OUT BUF)	11/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM089	



COMPONENT NAME	ANALOG 1(VIDEO OUT) 12/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04715A : AJ-LT85P	AJ-LT85
VEP04715B : AJ-LT85E	SCM090

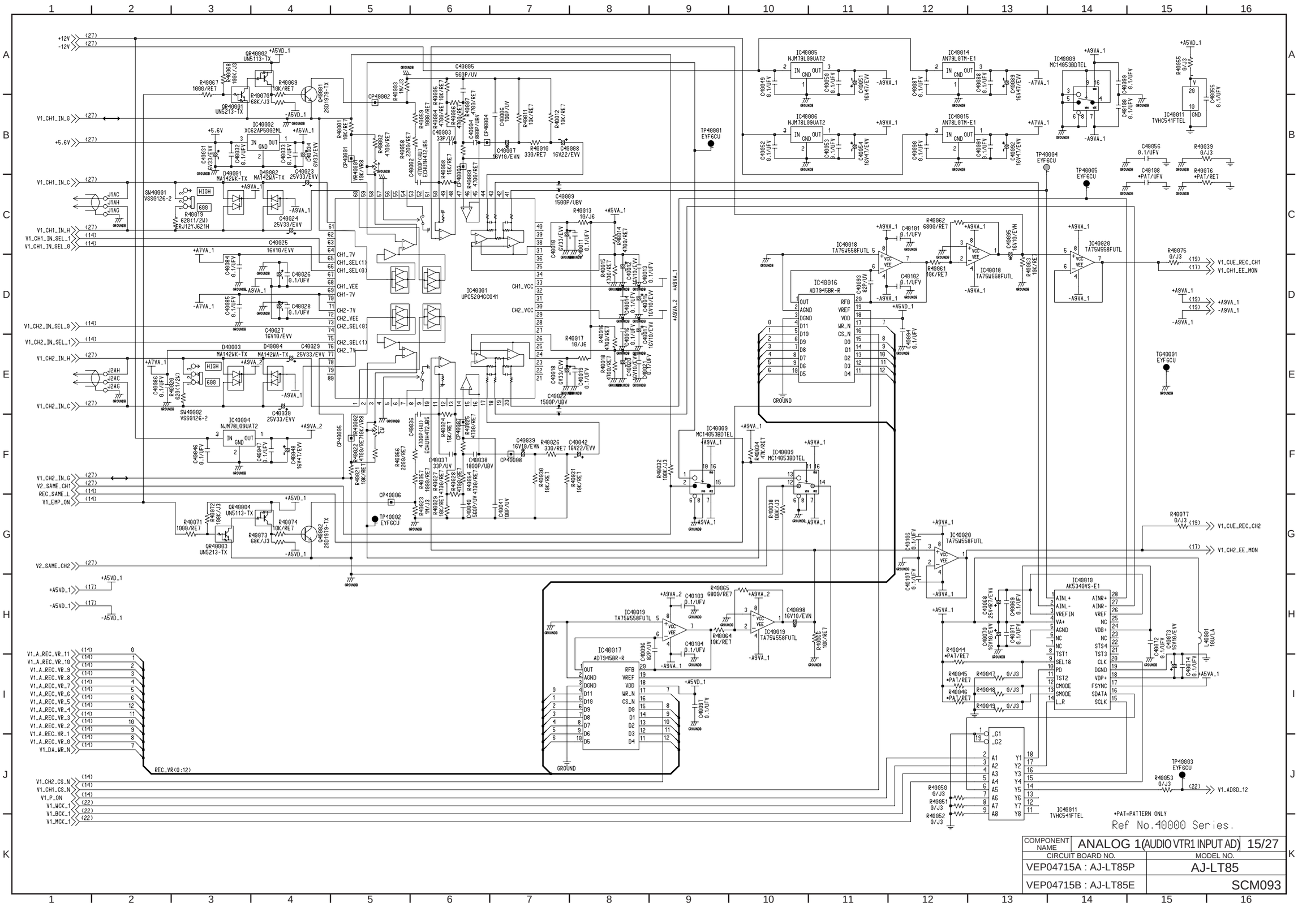

IC7902
XC62AP5002PL
+5.6VA
IN
GND
OUT
C7901
0.1/UFV
C7924 R7902
16V10/EVV 27K/J3
C7907
0.01/UBV
R7903
0/J3
(11)
CPN_(
R7904
*PAT/J3
C7902
6V33/EVV
C7903
0.1/UFV
R7901
1000/RE7
C7904
0.01/UBV
C7905
16V10/EVV
C7906
0.01/UBV
IC7901
CXA1229M-T6
IC7903
EL2270CS-T1
C7909
16V10/EVV
C7908
0.1/UFV
PR_EE
(2)
R7905
33K/RE7
R7906
3300/RE7
R7907
*PAT/RE7
VR7901
20K/VR5
R7908
4700/RE7
PR_C_LEV
R7909
47/J3
C7912
1/UBM
C7925
560P/UV
1000P
R7914
*PAT/RE7
FL7901
VLF1398-T
C7914
0.1/UFV
C7915
R7913
0/J3
R7927
1500/RE7
R7916
1000/RE7
NC2 NC1
IN GND OUT
R7928
*PAT/RE7
C7919
18P/UV
R7918
1500/RE7
R7920
100/RE7
C7922
0.1/UFV
-5.6VA
C7910
16V10/EVV
C7911
0.1/UFV
PB_EE
(2)
R7910
33K/RE7
R7911
1500/RE7
R7923
*PAT/RE7
VR7902
10K/VR5
PB_C_LEV
IC7903
EL2270CS-T1
R7912
47/J3
C7913
1/UBM
C7926
560P/UV
R7915
470/RE7
R7924
4700/RE7
Q7901
2SA1532-BCTX
L7901
*PAT/LD
C7921
*PAT/UV
C7920
47P/UV
Q7902
2SD1819AQRTX
R7922
47/J3
R7917
1000/RE7
L7902
*PAT/LD
C7917
*PAT/UV
L7903
*PAT/LD
C7918
*PAT/UV
R7919
1000/RE7
R7921
4700/RE7
C7923
0.1/UFV
-5VA
+5VD
D7901
MA142WK-TX
SIGDET_L_EE
(1,2,3,6,7,14)
FSC1
(10)
R7925
1000/RE7
R7926
6800/RE7
CSYNC_EE
(2,3)
C7916
*PAT/UV
IC7904
TC7W125FUTL
IC7904
TC7W125FUTL
VD
CPN_L
(1,2,11,14)
*PAT=PATTERN ONLY
Ref No.7900 Series.
KR4H13(13/27)
COMPONENT NAME
ANALOG 1(VIDEO OUT)
13/27
CIRCUIT BOARD NO.
MODEL NO.
VEP04715A : AJ-LT85P
AJ-LT85
VEP04715B : AJ-LT85E
SCM091

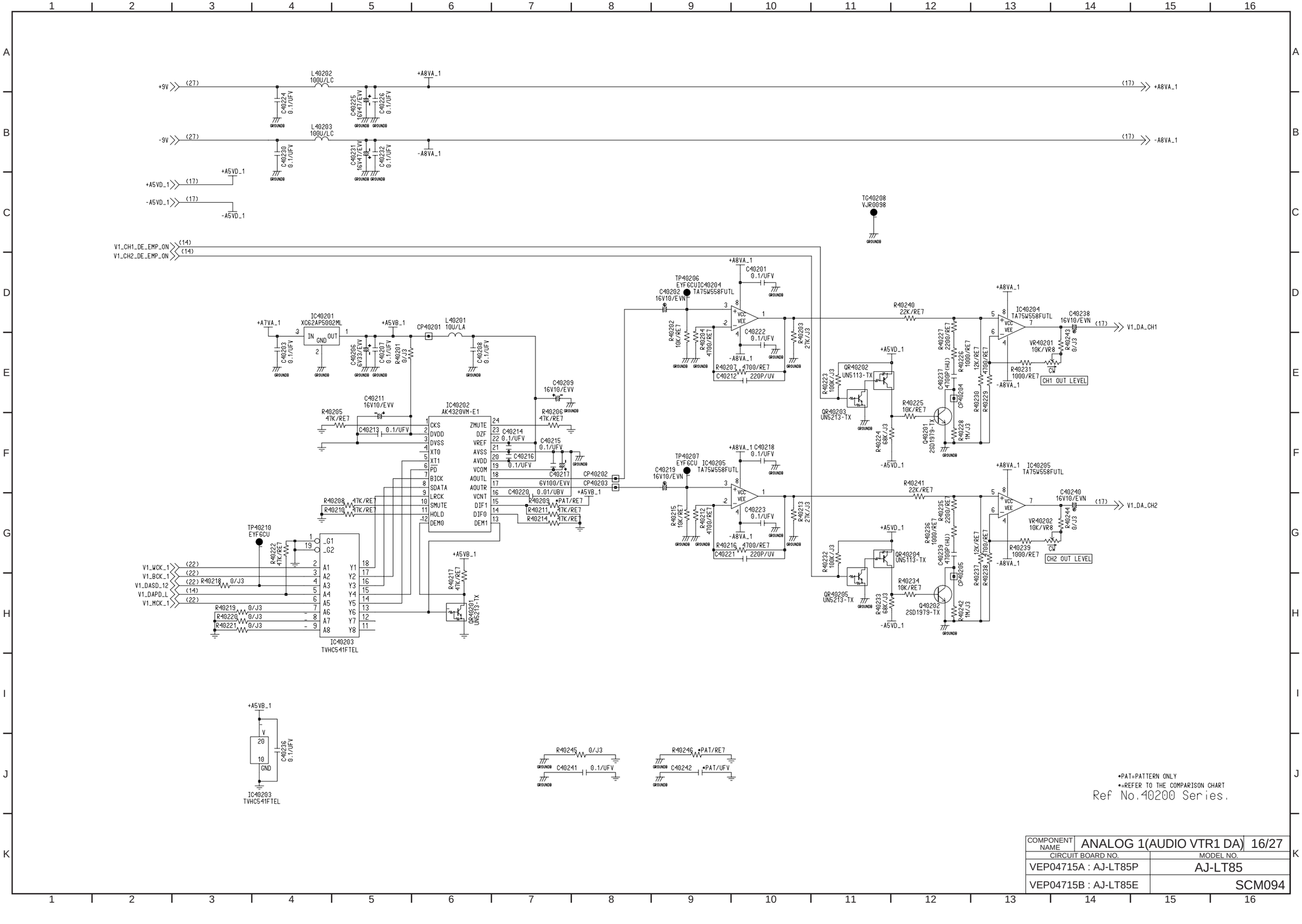


Ref No.40500 Series.

COMPONENT NAME	ANALOG 1(AUDIO VTR1 CONT) 14/27	
CIRCUIT BOARD NO.		MODEL NO.
VEP04715A : AJ-LT85P		AJ-LT85
VEP04715B : AJ-LT85E		SCM092

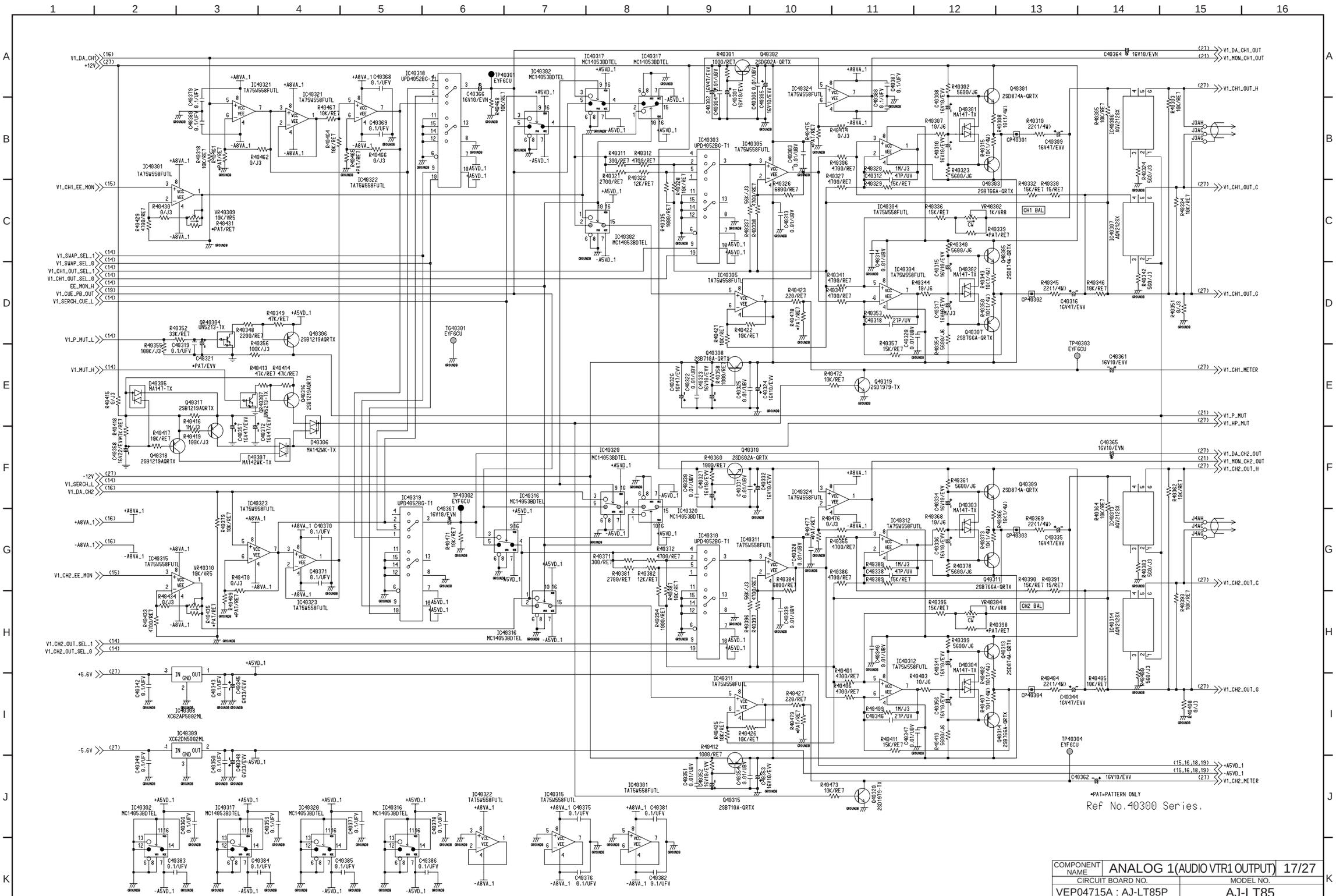
KR4H13(14/27)


IC40001 UPC5204GC041
IC40002 XC62AP5002ML
IC40004 NJM78L09UAT2
IC40005 NJM79L09UAT2
IC40006 NJM78L09UAT2
IC40009 MC14053BDTEL
IC40011 TVHC541FTEL
IC40014 AN79L07M-E1
IC40015 AN78L07M-E1
IC40016 AD7945BR-R
IC40017 AD7945BR-R
IC40018 TA75W558FUTL
IC40019 TA75W558FUTL
IC40020 TA75W558FUTL
IC40010 AK5340VS-E1
SW40001 VSS0126-2
SW40002 VSS0126-2
REC_VR(0:12)
•PAT=PATTERN ONLY
Ref No.40000 Series.
COMPONENT NAME: ANALOG 1(AUDIO VTR1 INPUT AD) 15/27
CIRCUIT BOARD NO.: VEP04715A : AJ-LT85P / VEP04715B : AJ-LT85E
MODEL NO.: AJ-LT85 / SCM093
KR4H13(15/27)



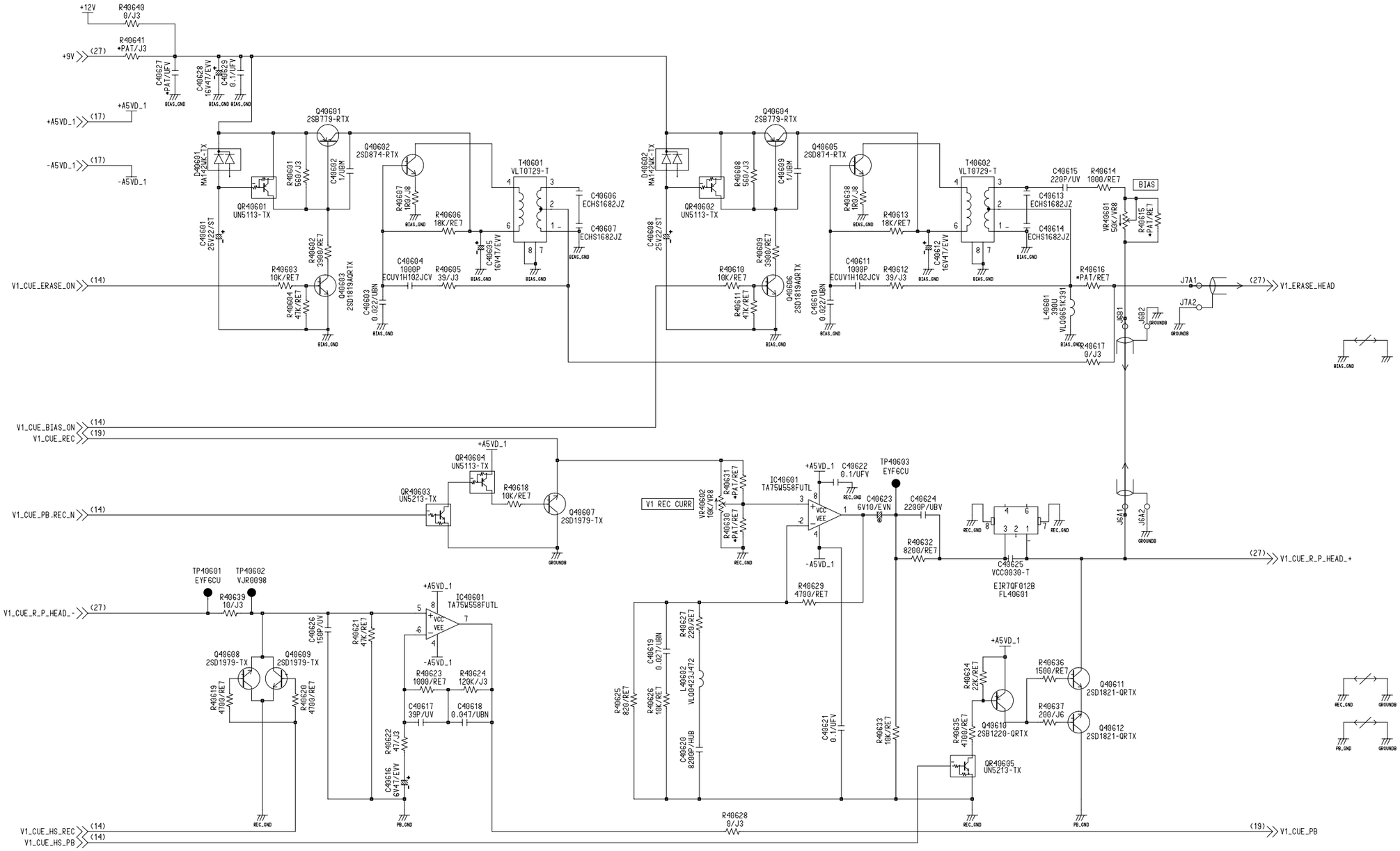
COMPONENT NAME	ANALOG 1(AUDIO VTR1 DA)	16/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM094	

KR4H13(16/27)



KR4H113(17/27)

COMPONENT NAME	ANALOG 1(AUDIO VTR1 OUTPUT)	17/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM095	

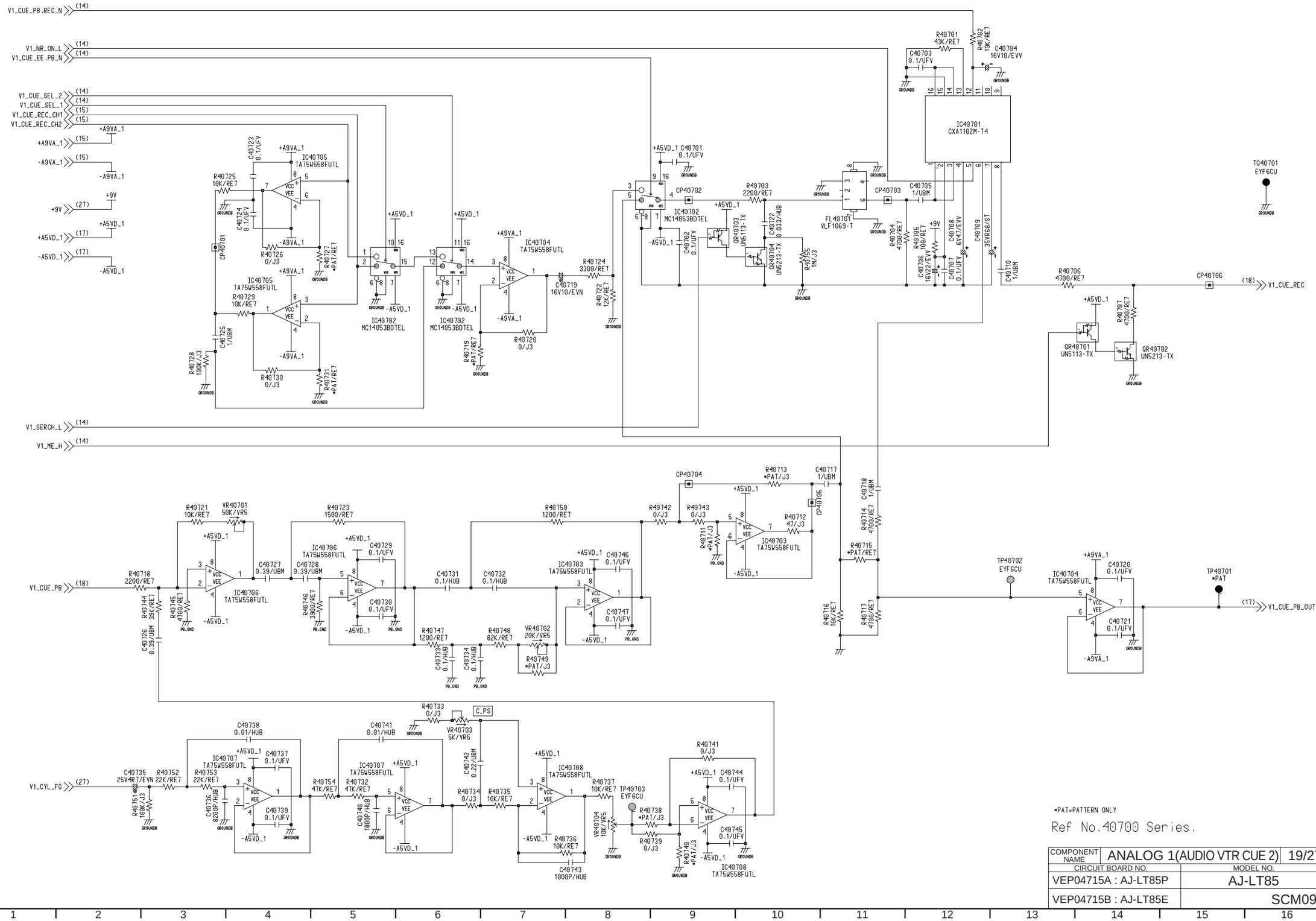


*PAT=PATTERN ONLY

Ref No.40600 Series.

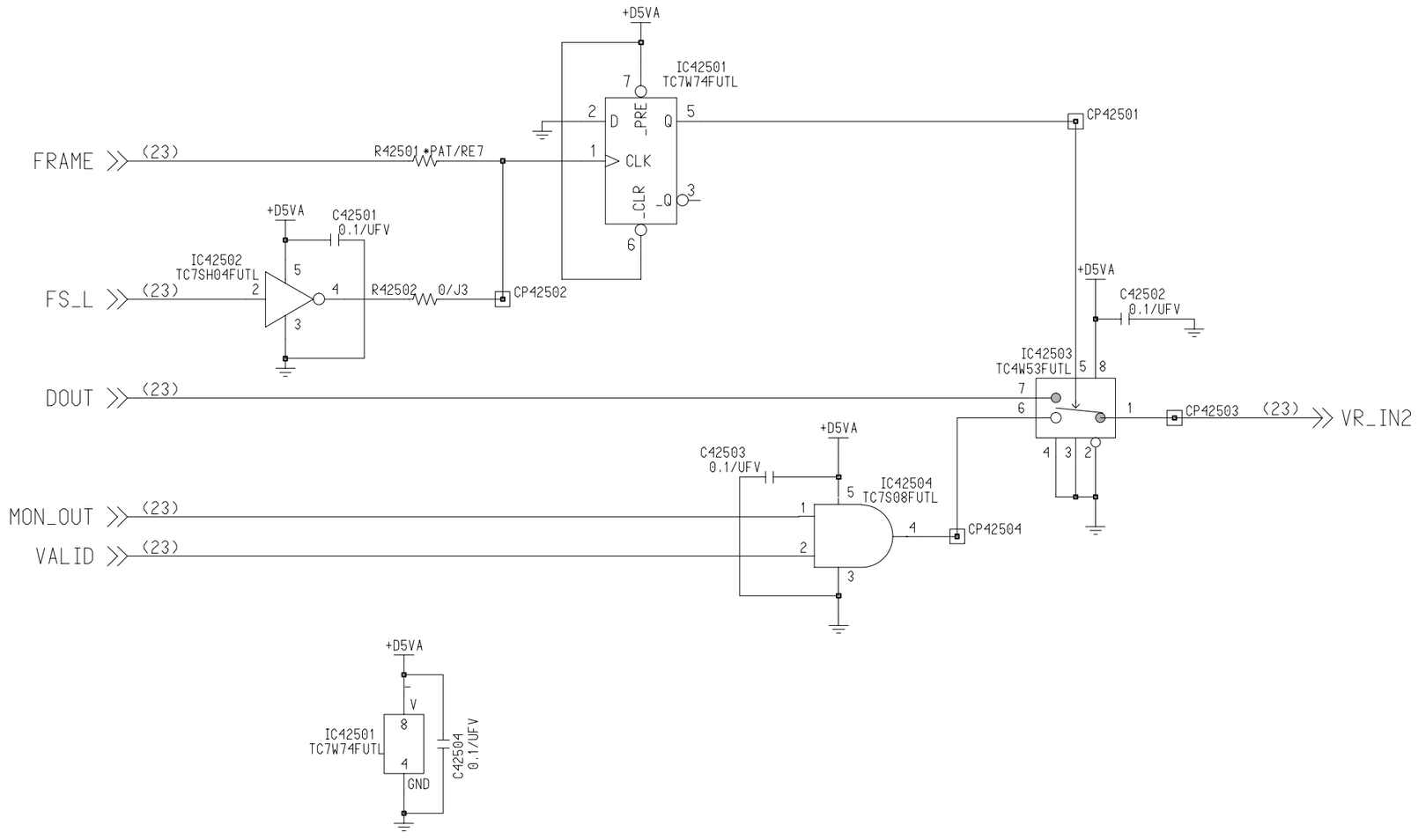
COMPONENT NAME	ANALOG 1(AUDIO VTR1 CUE 1)	18/27
CIRCUIT BOARD NO.		MODEL NO.
VEP04715A : AJ-LT85P		AJ-LT85
VEP04715B : AJ-LT85E		SCM096

KR4H13(18/27)



KR4H113(19/27)

COMPONENT NAME	ANALOG 1(AUDIO VTR CUE 2)	19/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM097	



*PAT=PATTERN ONLY

Ref No.42500 Series.

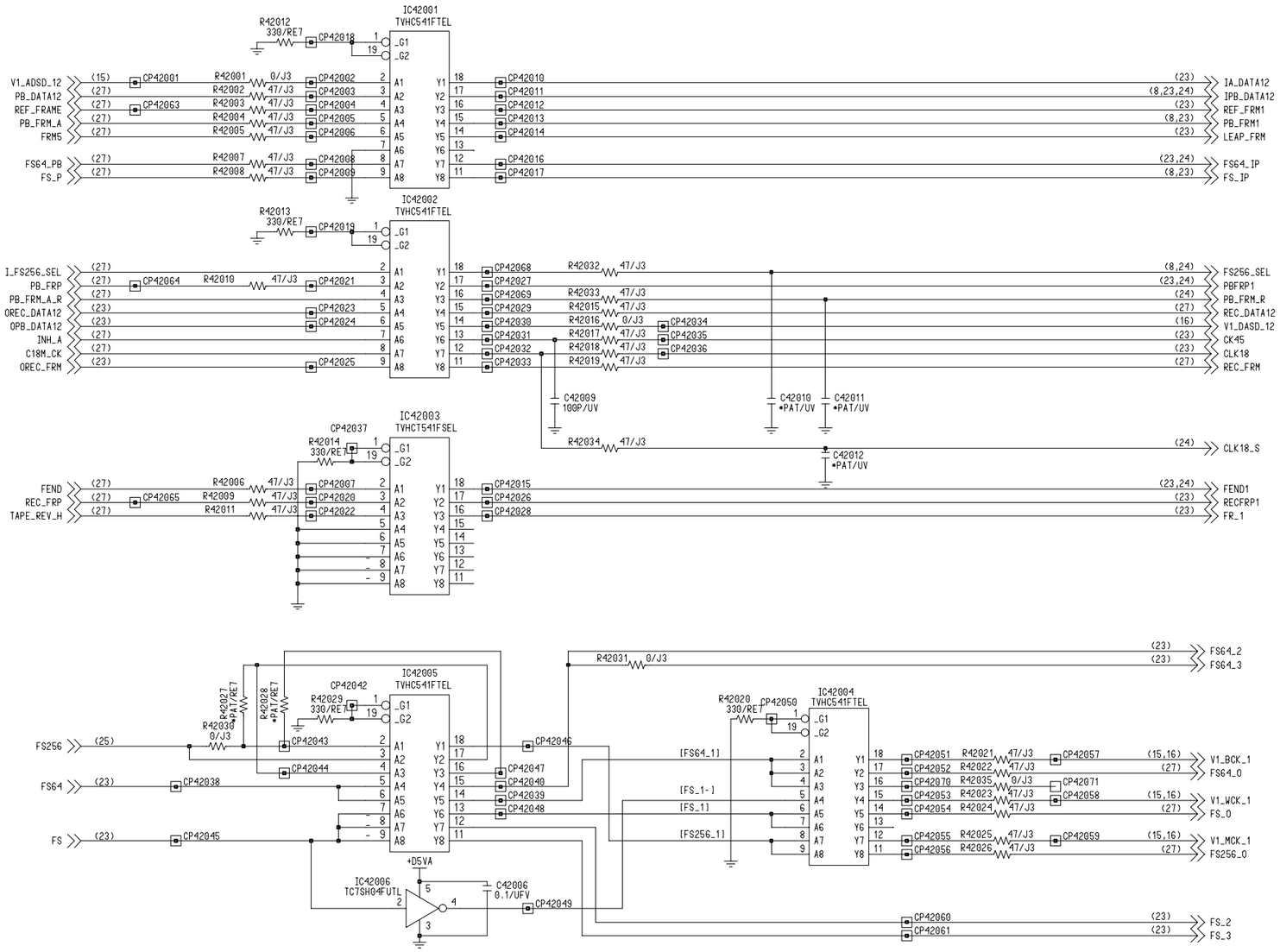
KR4H13(20/27)

COMPONENT NAME	ANALOG 1(SLOW SELECT V1) 20/27
CIRCUIT BOARD NO.	MODEL NO.
VEP04715A : AJ-LT85P	AJ-LT85
VEP04715B : AJ-LT85E	SCM098

KR4H13(21/27)

*PAT=PATTERN ONLY
*:REFER TO THE COMPARISON CHART
Ref No.40900 Series.

COMPONENT NAME	ANALOG 1(AUDIO MON OUT) 21/27	
CIRCUIT BOARD NO.		MODEL NO.
VEP04715A : AJ-LT85P		AJ-LT85
VEP04715B : AJ-LT85E		SCM099

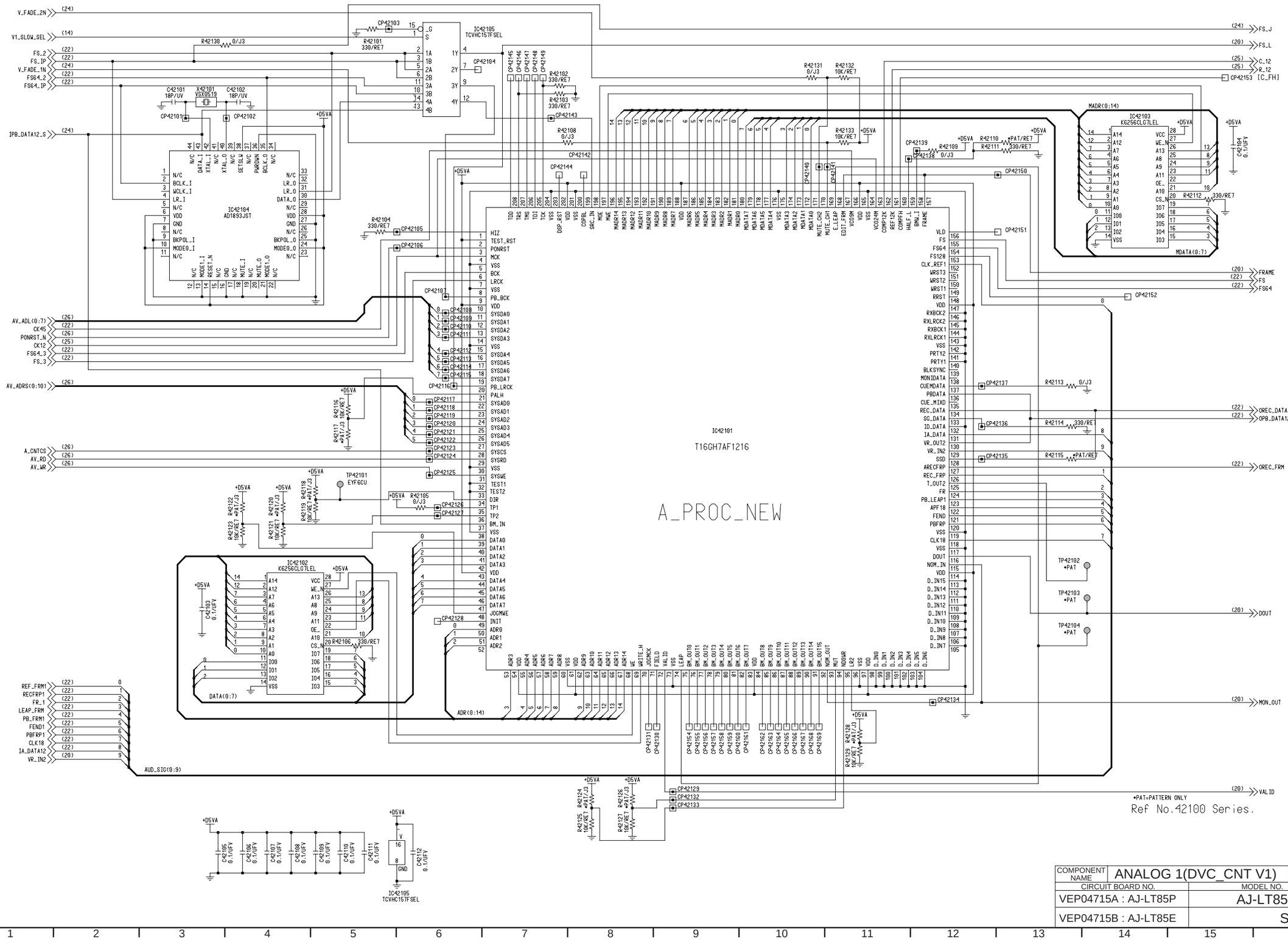


•PAT=PATTERN ONLY

Ref No.42000 Series.

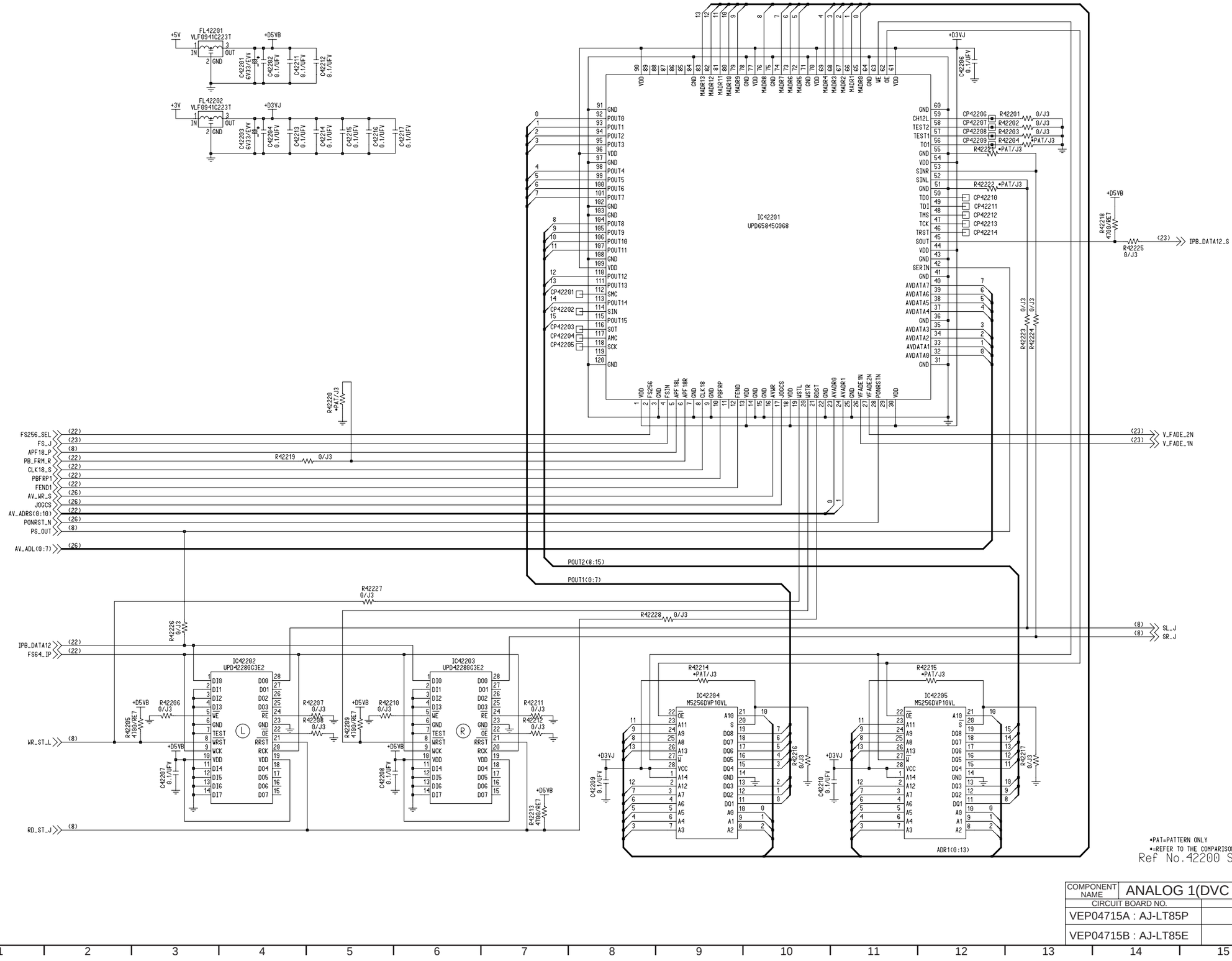
COMPONENT NAME	ANALOG 1(DVC_IOB V1)	22/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM100	

KR4H13(22/27)



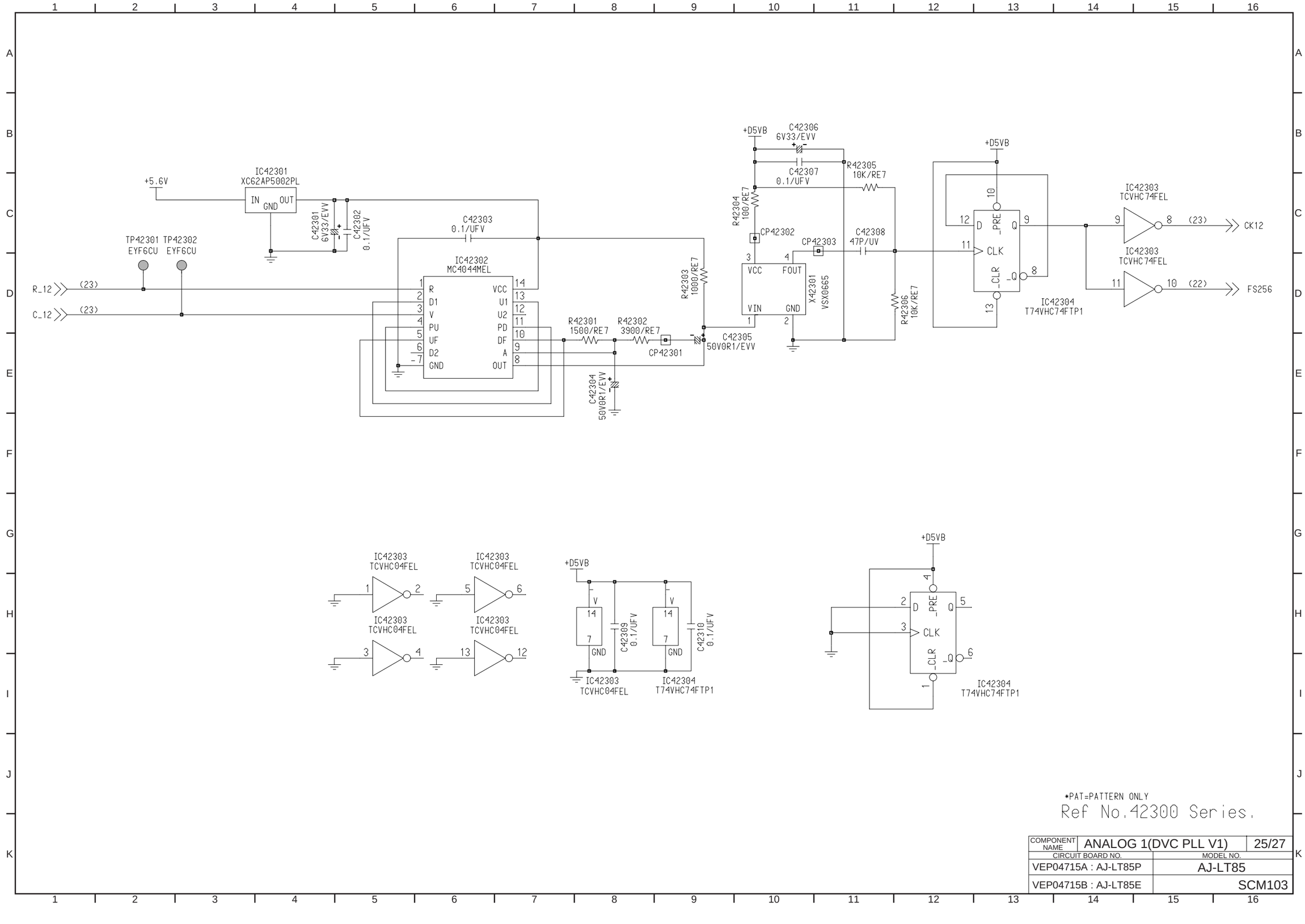
COMPONENT NAME	ANALOG 1(DVC_CNT V1)	23/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM101	

KR4H13(23/27)



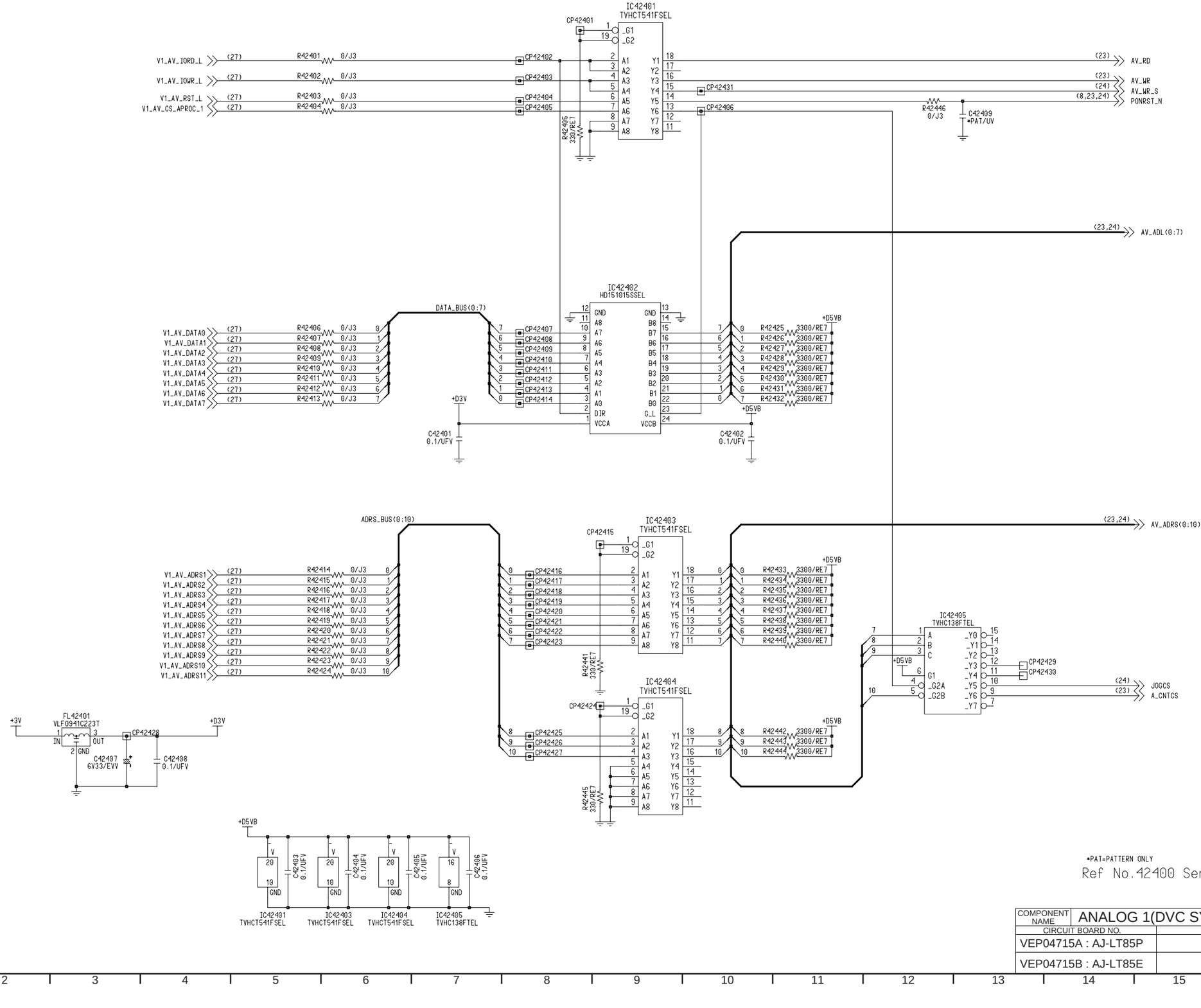
COMPONENT NAME	ANALOG 1(DVC JOG V1)	24/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM102	

KR4H13(24/27)



KR4H13(25/27)

COMPONENT NAME	ANALOG 1(DVC PLL V1)	25/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM103	



COMPONENT NAME	ANALOG 1(DVC SYS V1)	26/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM104	

KR4H13(26/27)

VTR1

TO MOTHER PT801 VJP3545C129H

TO MOTHER PT812 VJP3545C129H

TO MOTHER PT802 VJP3545C080H

TO AV/SYS PT892 VJP3545C080H

TO DIGITAL PT893 VJP3545C129H

TO DIGITAL PT895 VJP3545C129H

TO DIGITAL PT896 VJP3545C129H

TO ANALOG2 PT894 VJP3545C129H

TO ENCODER VR PT897 VJP3527D096

TO ENCODER VR PT896 VJP3527D096

TO POWER PT813 VJP1233T

TO HEADPHONE_M3C PT811 VJP3125D095

TO MEKA PT899 VJP3938C089

Ref No.7800 Series.

COMPONENT NAME	ANALOG 1(CONNECT)	27/27
CIRCUIT BOARD NO.	MODEL NO.	
VEP04715A : AJ-LT85P	AJ-LT85	
VEP04715B : AJ-LT85E	SCM105	

KR4H113(27/27)